



20 MICRONS[®]
L I M I T E D



**INDUSTRIAL MINERALS
AND FUNCTIONAL ADDITIVES**
FOR A SUSTAINABLE FUTURE



Dedicated Focus on Utilizing Domestic and International Resources For Localized Manufacturing, Empowering Local Communities And Exporting Indian Products To Global Territories.



AATMA-NIRBHAR
BHARAT

Aligning With Governments Vision Of
"MAKE IN INDIA"
and
"AATMANIRBHAR BHARAT"
Programs.

3 PRONGED STRATEGIC LEVERS



EXECUTIVE SNAPSHOT



Consolidated Revenue
INR 704.62 Cr.
(USD 85.78 mn)



BSE & NSE
Listed Since
2008



35+
Years of Industry
Experience



700+
Active & Motivated
Workforce



14
Manufacturing
& Distribution
Operating Sites



Presence in
65+
Countries



2 R&D
Centres



Market Cap.
INR 325 Cr.
(USD 39.60 mn)



5
Mines



9
Manufacturing
Locations



7
Warehouses
Across India



5 Subsidiaries
1 Joint Venture

MANAGEMENT



**Mr. Rajesh
C. Parikh**

Chairman & Managing Director



**Mr. Atil
C. Parikh**

CEO & Managing Director

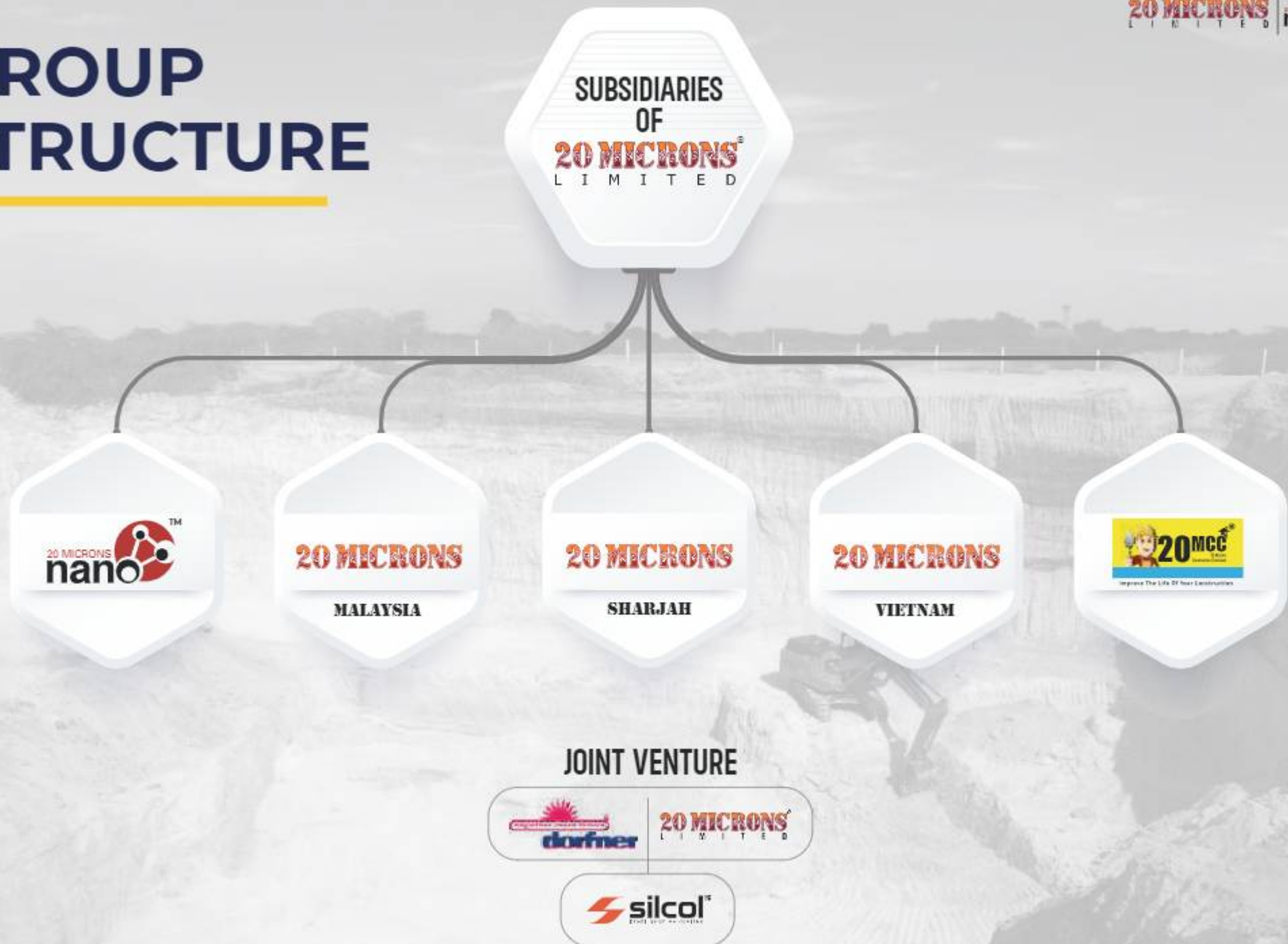
FOUNDER & EX CHAIRMAN

Late
Chandresh S Parikh
(6th March 1946 to 9th June 2021)

Being the Chairman of 20 Microns Limited for more than three decades, since the inception of 20 Microns Limited, he constantly imbibed the best governance standards with entrepreneurship. Regarded as one of the doyens of the industry, he played a key role in shaping the specialised industrial minerals industries in India.



GROUP STRUCTURE



MILESTONES

1987

20ML started its journey with the commencement of commercial production at its Waghodia facility

1990 – 1995

- Strengthened its market position with the implementation of quality management systems
- Boosted production capabilities by expanding production capacity
- Bolstered manufacturing capabilities with the commencement of second manufacturing unit at Vadadala

1996 – 2000

- Bolstered manufacturing with the commencement of new facility at Hosur (South India)
- Enhanced our portfolio by diversifying into manufacturing of Kaolin at Bhuj

2001 – 2005

Further enhanced manufacturing capabilities by setting up two new manufacturing facilities at Alwar and Tirunelveli

2006 – 2010

- Grew our international presence by establishing new territories and sales channels in some of the key markets such as the European, North American and Latin American continents
- Marked our international manufacturing presence by setting up an operation in Malaysia for Calcium Carbonate

2011 – 2015

To strengthen our presence across industries and to further strengthen our product portfolio, we established our state-of-the-art R&D Centre at Waghodia, Vadodara. Our R&D facility is being recognized and approved by DSIR, Government of India

2016 – 2020

- Enhanced portfolio by initiating the manufacture of functional additives
- Expanded Malaysia operations for Calcium Carbonate
- Boosted our manufacturing capabilities by forming a subsidiary 20Microns JSC in Vietnam focused towards the manufacturing of CaCO₃
- Inked a deal with Dornier GmbH Germany as the exclusive distributor of Hydrous Kaolin across Europe

2021 – 2022

- Timely met the debt repayment obligations of our bankers despite a challenging business environment
- Enhanced our credit rating A -
- Entered into JV agreement with Dornier to further strengthen 20ML's international presence

FINANCIAL GRAPHS

EBITDA



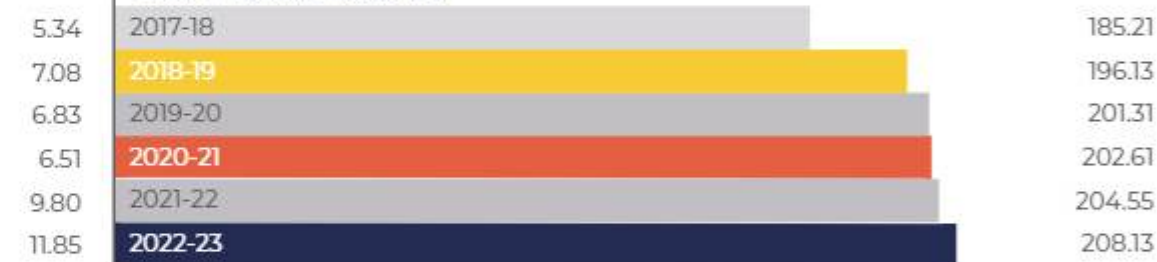
PAT



Earning Per Share



Net Fixed Assets



Total Income





LOCATIONS

-  Head Quarter
-  Corporate Office
-  Manufacturing Units
-  Office / Warehouse
-  Sourcing Point

MINING RESOURCES

Particulars Reserves in Tonnes

RAJASTHAN
Sirohi (Calcite)

**Andhra Pradesh,
Anantapur
(Dolomite)**

GUJARAT
Bhuj (China Clay, Kaolin
& Bentonite)
Vadodara (Dolomite)

Reserves in
Mining Leases

7.5mil
Tonnes

Reserves in
Private Owned land

9.5mil
Tonnes

TAMIL NADU
Tirunelveli
(Limestone)

WE CATER TO



Paints



Texture Paints



**Industrial
Paints**



Agro Chemicals



Wood Coatings



Road Marking



**Adhesives &
Sealants**



Inks & Pigments



Constructions



PVC Pipes



Wire & Cables



Masterbatches



**Film &
Woven Sacks**



Plastics



**Automotive
Components**



Tires & Tubes



Hoses & Beltings



**Cosmetics &
Personal Care**



Foundry

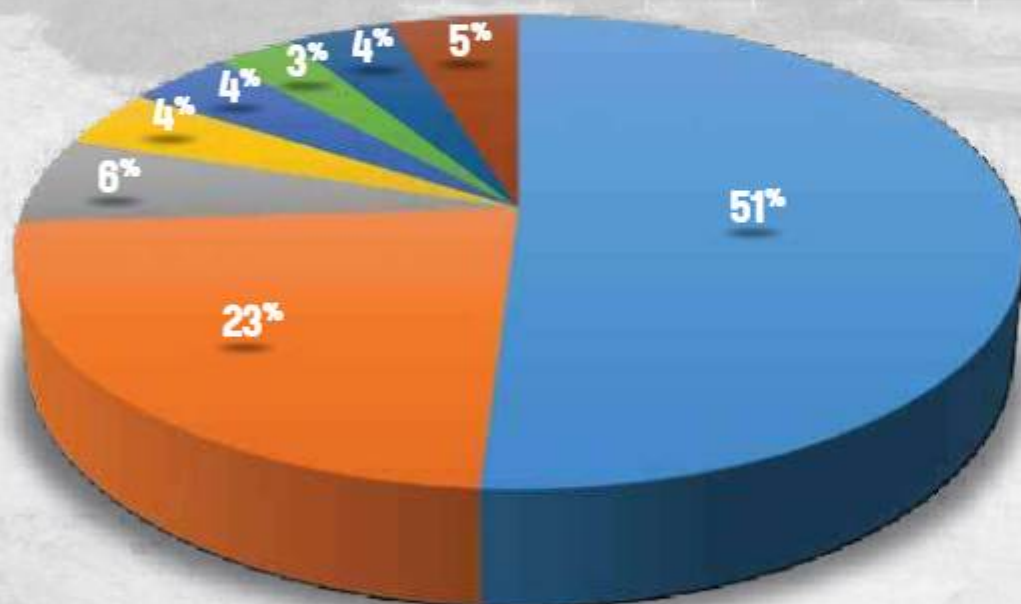


Ceramics



Oil & Gas

SEGMENTAL PIE



Industry	Segment Contribution
Paints	51%
Plastics	23%
Rubber	6%
PVC	4%
Paper	4%
Oil Well	3%
Ceramics	4%
Others	5%
	100%

PRODUCTS

SEGMENTS

India's largest producer of micronized minerals

Advanced niche product range made through new innovative technology

Functional Additives Are Used To Enhance The Performance Of The Products

INDUSTRIAL MINERALS

Ground Calcium Carbonate

Dolomite

Hydrous Kaolins

Calcined Kaolins

Talcs

Natural Barytes

Silica / Quartz

Muscovite Mica

Feldspar / Nepheline Syenite

Diatomaceous & Siliceous Earth

Bentonite & Attapulgite

Natural Red Oxide

Synthetic Red Oxide

FUNCTIONAL ADDITIVES

White / Buff / Grey & Colored Rutile TiO_2

White Pigment Opacifier

Synthetic Barium Sulphate

Micronized Wax

Processing Aids

Antiblocking Additives

Matting Agents

Rheological Additives

Inorganic Thickeners

Flame Retardants

Calcium Oxide Desiccant

Activators for Rubber

High Aspect Ratio Talc

Sub Micron CaCO_3

Fumed, Precipitated & Amorphous Silica

Decorative Colored Quartz Sand

RETAIL PRODUCTS



Tigersil

Nanosil

Cracksil

Micronsil 30 C/ Plus

MetaKrete

Rainbowsil

Roadsil



BLK / GBR

Geo Care

Thrips Kranti

Tiger Booster

Tio Tiko

Nipho

Humicrons / Reskue

GLOBAL PRESENCE

Exporting to 54+ Countries
Subsidiaries in 3 Countries



INFRASTRUCTURE



Alwar Plant



Bhuj Magnet Plant



Pilot Plant



Research & Technical Center



Kaolin Mine



Bhuj Plant

BUSINESS STRENGTHS



RESEARCH & TECH.CENTER



20 MICRONS
nano RESEARCH &
TECHNICAL CENTER

Our state of the art technology center empower
all industries with right solutions

INNOVATION @ IN-HOUSE R & D CENTRE



NEW PRODUCT EVOLUTION METHODOLOGY



PAINTS & COATINGS PRINTING INKS & PIGMENTS

20 MICRONS
LIMITED



TECHNICAL CENTER

**Coil
Coatings**

**Emulsion
Paints**



**Industrial
Paints**

**Primers
Distemper**

**Printing
Inks &
Pigments**



**Solvent
Base Paints**

Putties

**Road
Marking
Paints**



**Powder
Coatings**

**Elrepho
Brightness Tester**



Gloss Meter

**X-Rite Color
Spectro-
photometer**

Viscometers



Dispermat

Bead Mill

**Krebs Stomer
Viscometer**

Vibro Shaker



INNOVATIVE FUNCTIONAL ADDITIVES FOR PAINTS & COATINGS...

PRODUCT GROUP	GRADE NAME	DESCRIPTION
High Performance Kaolin	Hyperfine, Hyper 80, Glazex Series Pearlgloss 90, Supergloss 90, Supercoatgloss 90	Calcined Kaolin Fine Hydrous Kaolin
Water Washed Deleminated Kaolin	Delam Engineered Kaolin	Delam 200 & Delam 602
Engineered Kaolin	Hyperlite Est Hyperscrub 300 Hypertherm Synsil SM 405	Surface Modified Kaolin Flux Calcined Kaolin Calcined Engineered Aluminum Silicate Synthetic Sodium Magnesium Aluminum Silicate
Calcium Carbonate	Vaporlite 90 T/ CTD Karbogel 60 C-Gloss Micronlite KN, Micronlite KNT & Micronlite AR	Sub-micron CaCO_3 Nano Surface Modified CaCO_3 Excellent Sheen & Opacity Enhancer Rheology Modifier For Paint, Coating & Sealants
Opacifiers	LC Pigment Series/ Lithomer Series C-TOX H, C-TOX O, C-TOX OF (Buff Color Rutile TiO_2), G-TOX H 7045 & G-TOX H 7046 (Light & Dark Grey Color Rutile TiO_2)	White Pigment Opacifier Color Base Pigment Opacifier

INNOVATIVE FUNCTIONAL ADDITIVES FOR PAINTS & COATINGS...

PRODUCT GROUP	GRADE NAME	DESCRIPTION
Matting Agent	Fmsil Series MISIL 175 Fusyl Series Amorphlos & Diatofill 570	Precipitated Silica Spray Dried Amorphous Precipitated Silica Fumed Silica Natural Diatomaceous Based Matting Agent
High Purity Natural Micronized Silica	CYLKA Series	Chemically Inert Additive For Texture & Exterior Coatings
Inorganic Rheological Modifiers	Hydroxylgel A1, Hydroxylgel 70T & 90T, ATPEL Series Riobent Series Hydroxylgel A2 to A4 Series	For Water Base Paint System For Solvent Base Paint System For Cementitious & Acrylic Wall Putty
Silica Deficient Sodium Potassium Feldspar	Phelmer & Silfermin Series	For Water & Solvent Base Paint System
Halogen Free Flame Retardant	AL FR & Mag FR Series	For Water & Solvent Base Paint System
Corrosion Resistance Functional Reinforcing Agent	Zinkomer Series	Replacement Of Zinc Phosphate In Paint Applications

INNOVATIVE FUNCTIONAL ADDITIVES FOR PRINTING INKS...

PRODUCT GROUP	GRADE NAME	DESCRIPTION
High Performance Kaolin	Pearlgloss 90, Supergloss 90, Supercoat Gloss 90 Synsil SM 405 Pearlsphere 7005 KT	Ultrafine Hydrous Kaolin Synthetic Sodium Magnesium Aluminum Silicate Chemically Modified Engineered Kaolin
Calcium Carbonate	Vaporlite 90 T/ CTD, Karbogel 60 C-Gloss	Sub-micron CaCO ₃ Nano Surface Modified CaCO ₃ Excellent Sheen & Opacity Enhancer
OPACIFIERS	LC Pigment Series/ Lithomer Series C-TOX H, C-TOX O, C-TOX of (Buff Color Rutile TiO ₂), G-TOX H 7045 & G-TOX H 7046 (Light & Dark Grey Color Rutile TiO ₂)	White Pigment Opacifier Color Base Pigment Opacifier
Matting Agent	Fmsil Series MISIL 175 Fusyl Series Amorphlos & Diatofill 570	Precipitated Silica Spray Dried Amorphous Precipitated Silica Fumed Silica Natural Diatomaceous Based Matting Agent
Inorganic Rheological Modifiers	Hydroxylgel & ATPEL Series Riobent Series	For Water Base Ink System For Solvent Base Ink System
Mica & Talc	AR MICA, AR TALC	Specially Wet Grinded Mica & Talc To Maintain Aspect Ratio
Wax & Wax Emulsion	Flowax Series, K Stoff Series & Micronized Wax Emulsion	Polyethylene & Polyamide Base Wax

RUBBER

TECHNICAL CENTER

Molded Auto Components

Rubber Cable

Footwear

Tensile Tester

Belts

Abrasion Tester

Hardness (Shore -A)

Hoses

Elongation at Break

Two Roll Mill

300 % Modulus

Tyres & Tubes

Abrasion Resistance

Surgical Gloves

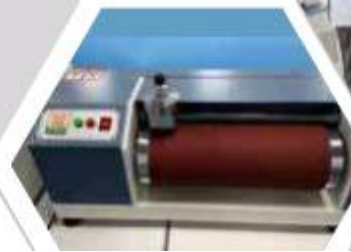
Resilience

Rheometer

Tensile Strength

Pharma Rubber Stopper

Hydraulic Compression Press Molding



INNOVATIVE ENGINEERED PRODUCTS FOR RUBBER APPLICATION ...

PRODUCT GROUP	GRADE NAME	DESCRIPTION
Multifunctional Process Aid cum Anti Oxidant & Anti Ozonant	K Stoff R Fast Flow SG	Hoses, Belt, Automotive Components , Processing- synthetic Rubber Compound such as NR, NBR, SBR, EPDM, CR, etc., Footwear & EVA compound
Poly Ethelene Wax (PE)	Flowax Fast Flow OP Flowax BLK	Hoses, Belt, Automotive Components , Processing- synthetic Rubber Compound such as NR, NBR, SBR, EPDM, CR, etc., Footwear & EVA compound
Light Magnesium Oxide Activator	Super Mag HS (High Surface Area) Supermag 150 UC	Compounding & Processing - Chloroprene and Synthetic Rubber (FKM, CIIR, BIIR, CPE), Hoses, Belt, Automotive Components, Pharma Rubber Stopper, Latex Based Products
Zinc Oxide Replacement Activator	Zinkomer SX (Active) Zinkomer (White seal) Zinkomer GX (Economical)	Rubber Compounding & Processing, EPDM Profiles, Hoses, Belt, Automotive Components, Footwear compounds
ATH & MDH - Flame Retardants & Smoke Suppressant	Alumina Tri Hydrate (ALOX Fr) Ppt Mag. Hydroxide (MAG SYN) Magnesium Hydroxide (MAG FR)	EPDM Profiles, Hoses, Belt, Automotive Components, Moulded & General Rubber Compound, Silicon Rubber Products
Delaminated Kaolin	Delam Clay 802 C	Tyre - Inner Liner , Oil Seal , O Ring
Semi Reinforcing Eco-Green Filler (Partial Replacement of Carbon Black & Ppt. silica)	Vapourlink SR Filler	Tyres / Tubes / Tread - 4 wheeler/Tread - 2 wheeler Hoses, Belt, Automotive Components, Moulded & General Rubber Compound

PRODUCT GROUP	GRADE NAME	DESCRIPTION
Calcium Oxide Desiccants	Vaporoxol 3F (Surface Modified) Trocen	EPDM Profiles, Hoses, Belt, Automotive Components, Moulded & General Rubber Compound
Quartz Silica	Synsil 6 Vaporsil 90	Silicon Rubber Components
Fumed Silica	FM Sil 200 FM Sil 412 Plus	Tyres / Tubes / Tread - 4 wheeler/Tread - 2 wheeler Hoses, Belt, Automotive Components, Moulded & General Rubber Compound, Footwear & EVA compound Silicon Rubber Products
Precipitated Silica	Mysil 175 G (Spray Dried) FM Sil 112 (Powder Form)	Tyres / Tubes / Tread - 4 wheeler/Tread - 2 wheeler Hoses, Belt, Automotive Components, Moulded & General Rubber Compound, Footwear & EVA compound Silicon Rubber Products
Amorphous Silica	Amorphlos	Tyres / Tubes / Tread - 4 wheeler/Tread - 2 wheeler Hoses, Belt, Automotive Components, Moulded & General Rubber Compound, Footwear & EVA compound Silicon Rubber Products
Blancfixe- Precipitated BaSO ₄	Ppt Barium Sulfate Basofix P	Hoses, Belt, Automotive Components, Moulded & General Rubber Compound
White Opacity Pigment	Lithomer TOX Lithomer R LC Pigment 80 T	Hoses, Belt, Automotive Components, Moulded & General Rubber Compound

PRODUCT GROUP	GRADE NAME	DESCRIPTION
Grey & Buff Color Rutile TiO ₂	G TOX 7405/7406 (Grey Color) C TOX (Buff Color)	Dark and black color rubber compounds, Hoses, Belt, Automotive Components, Moulded & General Rubber Compound
Mica	Mica 1240 PY / 4010 PY (Pure & Platy) Mica 2080 / 4010	Tyres / Tubes / Tread - 4 wheeler / Tread - 2 wheeler , Hoses, Belt, Automotive Components, Moulded & General Rubber Compound
Calcined Kaolin	Surface Modified - Hyper 60 DA / DV / DM Hyper 200 R / Hyper MP 33 / Metaplast 85 Hyperlink 66 / Hyper Fil H / Hyper Tex C	Tyres / Tubes / Tread - 4 wheeler / Tread - 2 wheeler Hoses, Belt, Automotive Components, Moulded & General Rubber Compound Footwear & EVA compound , Pharma Rubber Stopper
Kaolin (Hard & Soft Clay)	Coating Clay 90 Micron China GL 90 P Micron China 2050 / 4010	Tyres / Tubes / Tread - 4 wheeler / Tread - 2 wheeler , Hoses, Belt, Automotive Components, Moulded & General Rubber Compound
Calcium Carbonate	PCC - LSP Z / Vaporlite 90 Activated Calcium Carbonate - OT 1T / Vaporlite 90 CTD Coated Calcium Carbonate KTM 2TP / HT 2T / 9766 / 2T AS / 1030 CTD Uncoated Calcium Carbonate Polyfil / 2M / 1240 / 2030 / 325 Mesh EO"	Tyres / Tubes / Tread - 4 wheeler / Tread - 2 wheeler EPDM Profiles, Hoses, Belt, Automotive Components, Moulded & General Rubber Compound
Barytes	Micron Barytes 2μ / 5030 / 1240 / 2080	Hoses, Belt, Automotive Components, Moulded & General Rubber Compound
Feldspar/Nepheline Synte Diatomaceous Earth	Phelmar C / Phelmar G Diatofill	Hoses, Belt, Automotive Components, Moulded & General Rubber Compound



PLASTICS & POLYMERS

TECHNICAL CENTER

Raffia & Woven Tapes

Films & Sheets

PVC Pipes

Fiber & Nonwovens

Wire & Cable

Floorings & Calendered Sheets

Window Profiles & WPC

Spectrophotometer

Masterbatch & Compound

SMC / DMC & Thermosets

Blown Film Plant

Molded Products

Twin Screw Extruder

Resitivity (IR & VR)

PUR Foams

High Speed Mixture

Opacity & L, a, b Value

Two Roll Mill

Anti Blocking Force

Melt Flow Index & Rheological Properties

FPV Machine & Hydraulic Press

Filter Pressure Value



INNOVATIVE ENGINEERED PRODUCTS FOR PLASTICS & POLYMERS

PRODUCT GROUP	GRADE NAME	DESCRIPTION
Wetting & Dispersing Waxes (Polymeric & Oleo)	Micron Wax 32 AF K - Stoff FI / 440 Flowax MB	Color, White, & Black Masterbatches & PVC Extrusion
Poly Ethylene Wax (PE)	Fast Flow P Flowax	Color, White, & Black Masterbatches Highly Filled Raffia MB, Rigid & Flexible PVC Extrusion
Waxes & Multifunctional Processing Aid	K - Stoff T , K - Stoff PYN Polaid TPT, Flowax Flowax GC 10	Highly Filled Raffia MB, Engineering & Automotive Components Rigid & Flexible PVC Extrusion
Processing Aids cum Flow Modifier for PVC Pipes	Flowaid Flowax	Rigid & Flexible PVC Extrusion
Lead Free One Pack Stabilizer	Flowstab HFM	Rigid & Flexible PVC Extrusion
ATH & MDH - Flame Retardants & Smoke Suppressant	Alumina Tri Hydrate (ALOX Fr) Ppt. Mag. Hydroxide (MAG SYN) Magnesium Hydroxide (MAG FR)	PVC Extrusion
Anti-Block Additives	Amorphlos, FM Sil Blok Klear Blok, Talc HFM 15 & 25 Phelmer C & G, Hyperfilm 90	Packaging Films Polymer Producer - Petrochemical Complex

PRODUCT GROUP	GRADE NAME	DESCRIPTION
White Opacity Pigment	Lithomer TOX Lithomer R / Lithomer EX LC 80 T	White MB PVC Extrusion & Film
Precipitated Barium Sulphate (Blancfixe)	Basofix P (Low FPV) Precipitated BaSO ₄	White & Color Master Batches Automotive / Engineering Compounds & White Goods Appliances Acoustic Pipes
Grey & Buff Color Rutile TiO ₂	G TOX 7405/7406 (Grey Color) C TOX (Buff Color)	Dark Color Polyolefin & Thermoplastic MB PVC Extrusion & Film
Desiccants (Calcium Oxide)	Vaporoxol 3F(Surface Modified) Trocen	Fillers & Engineering Compounds
Treated Quartz - Silica For Epoxy Insulator	Silcoat 60 SET Silcoat 60 T	Epoxy Insulator
Calcined Kaolin	Surface Modified -Hyper 60 DA/DV/DM Uncoated - Hyper MP33 / Metaplast 85	Polymeric and Rubber Compounds Wire and Cables
Calcium Carbonate	Imported Coated Calcium Carbonate Vaporlite 90 CTD/OT 1T/KTM 2TP/HT 2T Domestic Coated Calcium Carbonate 1T AS/2T AS/MC 9766/1030 CTD Imported Uncoated Calcium Carbonate, Vaporlite 90/LSP Z / Polyfil, Domestic Uncoated Calcium Carbonate 2M/1240/ 2030/325 Mesh EO	White, Color & Black Masterbatches Wire and Cables Rigid and Flexible PVC Fillers & Engineering Compounds

PRODUCT GROUP	GRADE NAME	DESCRIPTION
Talc	AR Talc Series Talc CST Talc HFM 15 & 25 Ultra Talc /Super Talc/Talc Supremax Micron Talc 2 μ / 5030/1030/2050/4010	Fillers & Engineering Compounds Automotive
Barytes	Micron Barytes 2 μ / 5030 /1240 / 2080	Master Batches, Thermoplastics & Thermosets Compounds Automotive / Engineering Compounds & White Goods Appliances Acoustic Pipes
Mica	Mica 1240 PY/ 4010 PY (Pure & Platy) Mica 2080 / 4010	Thermoplastics & Thermosets Compounds Automotive / Engineering Compounds & White Goods Appliances
Silica Quartz Feldspar Diatomaceous Earth	Silica 1030 / 2080 / 4010 Phelmer C / Phelmer G Diatofill / SR Filler	Epoxy Insulators Thermoplastics & Thermosets Compounds Automotive / Engineering Compounds & White Goods Appliances



CERAMICS

TECHNICAL CENTER

Insulators

Tableware

MOR Testing
Machine

Physical &
Chemicals
Analysis

Sanitaryware

Kiln &
Furnace

Modulus
of Rupture

Ceramic
Tiles &
Glaze

Button
Press

Shrinkage

Rapid Pot
Mill

Loss on
Ignition

Spectro
Photometer

Water of
Plasticity

Firing
(L.A.B)



INNOVATIVE ENGINEERED PRODUCTS FOR CERAMICS...

PRODUCT GROUP	GRADE NAME	DESCRIPTION
Hydrous Kaolin	Vitro Bright Kaolin G Prime Micron China GL 90 Micron China GL White ICC White Kaolin Micron China DKT 90	Premium Kaolin - Low iron and titanium content with firing L value 96+ Digital Kaolin - Coarser particle and good casting properties Processed China Clay - Controlled chemistry and residue with firing L value 94+ Levigated China Clay - Controlled residue with firing L value 92+ Processed Kaolin, Controlled Chemistry with Firing L Value 96+ Processed China Clay - Coarser particle size of 2μ about 45
Calcined Kaolin	Glazex 90 Hyper 80 Hyper Tex C	Premium Calcined Kaolin - Extra finnes and Lower loss on ignition with, Alumina content 43+ and firng L value 97+ Premium Calcined Kaolin - Lower loss on ignition with Alumina content 42+ and firing L value 96+ Calcined Clay - Lower loss on ignition with Alumina content 40+ and firing L value 93+
Ball Clay Plastic Clay	Cerillite White ICC Plus Ceraplas Puraflow 90	Unique Blend of Ball Clay - Appropriate plasticity with white firing L value 92+ Plastics Kaolin - Higher dry strength with White firing L value 94+ Processed Ball Clay - Higher plasticity and dry strength Refined Kaolin - Controlled Plasticity with good workability. Firing L Value 93+
Calcium Carbonate	Micron Carb Ultra Carb UC	Calcium Carbonate - High purity and White firing color Premium calcium carbonate - Extra finnes and purity with white firing L value 94+

PRODUCT GROUP	GRADE NAME	DESCRIPTION
Talc	Super Talc Micron Talc 45 CR	Premium Talcum Powder - Finer and high purity with white firing color Talc Powder - Lower impurities with creamish firing color
Mica	Micron Mica FLK	Micro flakes of Mica - High Purity with good shining suitable for decorative glazes
Feldspar	Potash Feldspar Soda Feldspar	High alkali base potash feldspar with white firing L value 80+ High alkali base soda feldspar with white firing L value 78+
Dolomite	Micron Carb DL	Dolomite powder - Lower impurities with creamish firing color
Quartz	MicronSil GeoSil	High purity silica powder with firing L value 96+ Silica grains with lower impurities with firing L value 90+
Bentonite	Microngel 90C Microngel 90CR	Premium Bentonite Powder - Greater plasticity with firing L value 90+ Premium Bentonite Powder - Greater plasticity for ceramic glazes
Wollastonite	Wolsil	Specially Produced Calcium Silicate - High Purity and white firing
Opacifiers	Nanotox TiO ₂ Lithomer	Premium Titanium Dioxide - High surface area and white firing color Opacifier - White firing color
Mullite	Hypertherm	Calcined kaolin having particle packing concept provides resistance thermal shock failure
Pyrophyllite	Micron China PYJ	Pyrophyllite powder with controlled chemistry and white firing color, Firing L Value 94 +

PULP & PAPER

TECHNICAL CENTER

**Hand
Sheet
Former**

**Stiffness
Tester**

**Beating &
Freeness
Tester**

**Thickness
Micrometer**

**Valley
Beater**

**Tearing
Resistance
Tester**

Gloss, Opacity
Sizing /
Sizing Degree

**Pulp
Disintegrator**

**Bursting
Strength
Tester**

Print
Smoothnes

**Cobb Sizing
Tester**

Bursting
Strength

Tear
Resistance

**Grammage
Scale**

Bending
Stiffness

Abrasion
Resistance

Grammage
Basis Weight

Rub
Resistance



COATING PIGMENTS & ENGINEERED PRODUCTS FOR PAPER INDUSTRY

PRODUCT GROUP	GRADE NAME	DESCRIPTION
High Performance Kaolin	Pearluster Plus, Pearl Fine 90	Low Abrasive Hydrous Kaolin for Top Coat
High Performance Kaolin	Super Gloss 90PN, White Gloss, Coating Clay 90, Micron China GL 90	Low Abrasive Hydrous Kaolin for Pre Coat & Filler
Wet Ground Calcium Carbonate (Slurry)	Micronlite SL 90 T / 60 T / 45 T	WGCC Low Abrasive Imported Calcium Carbonate as Coating Pigment & Filler
Ground Calcium Carbonate (Powder)	Vaporite 90 T (Top Coat) Lime Stone Powder Z (Pre Coat)	Sub-Micron Low Abrasive Imported Calcium Carbonate for Duplex Board Coating
Ground Calcium Carbonate (Powder)	Lime Stone Powder Polyfill Calcium Carbonate Calcifill	High Purity & Low Abrasive Imported Calcium Carbonate as Filler for W&P
Ground Calcium Carbonate (Powder)	Micron Carb 4010 P / 2050 P, Micron Carb 1240 MK, Super Carb P	Domestic Calcium Carbonate as Filler for Paper Industry
High Performance Talc Fil	Talc Fil, Micron Talc	Low Abrasive High Purity Himalayan Talc
Engineered Calcined Kaolin	Hyper Fine, Glazex 90	Low Abrasive Calcined Kaolin for Hiding Power

PRODUCT GROUP

GRADE NAME

DESCRIPTION

Synthetic Sodium Magnesium
Aluminum Silicate

Synsil SM405

Hiding & Whiteness Enhancer for Duplex Board & W&P

White Opacity Pigment

**LC Pigment
Lithomer**

White Pigment Opacifiers - Partial Replacement of TiO_2

Delaminated Talc

AR Talc

Delaminated Talc for Barrier Properties

Inorganic Thickeners

Hydroxylgel A1

Inorganic Rheological Modifier to Replace HEC / MHEC

Eco-friendly Retention Aid

Aquacol

Treated Bentonite Retention & Drainage Aids

INNOVATIVE ENGINEERED PRODUCTS FOR COSMETICS...

PRODUCT GROUP	GRADE NAME	DESCRIPTION
Fumed Silica	FMSIL 200, FMSIL 412 FMSIL R 972 T - Organic Treated	Fumed Silica for Sulphate-Free Shampoo, Lipstick, Lip Gloss, Mascara, Nail Polish, Antiperspirant / Deodorant, Stick / Roll On, Foundation
Organo Clay	Rio-Bent 27 Rio-Bent 38 Rio-Bent 3452	Organo Clay for Anti-perspirants, Colour Cosmetics, Creams & Lotions, Sunscreens, Lipsticks, Eye Products, Facial Makeup, Hair Care Products as well as nail lacquer
Opacity Pigments	LC 80 PIGMENT Lithomer TOX Synsil SM405	White pigments for Hair Dyes, Lip Sticks, Nail Polish, Shampoo, Milk Whiting Cream, Foundation
TiO ₂	Nanotox 209 (White Color) Glowtox D & DX (Buff Color) C Tox & G Tox	White & Buff Coloured Rutile Grade TiO ₂ for Lipstick, Colour Cosmetics / Make up products, Pressed and Loose Powders, Sunscreen Creams & Lotions, BB / CC Cream, Sunscreen, Eye Shadow, Powder Foundation, Face Mask, Lipstick, Nail Polish
Mica	Mica 250 Mesh Mica 4010 PY	For Body/Make Up Powder, Liquid Make Up, Lipstick, Eye Shadows, Eyebrow Pencil, Nail Lacquers, Sun-Screens, Skin Care Products, Bath Products
Diatomaceous Earth	Diatofill 570 SR Filler	For Facial Scrub, Mask, Nail Polish, Soaps & Detergent as a replacement of Precipitated Silica & Calcium Carbonate
Calcined Kaolin	Hyperfine Glazex 90	For Creams and Lotions, Foundations, Shampoos & Conditioners, Shower Gels, Soaps & Detergent

PRODUCT GROUP	GRADE NAME	DESCRIPTION
Kaolin	White Kaolin	For Face Powders, Face Masks, Creams & Lotions for Oily Skin, Bath Powders, Foundation Cake Makeup, Dry Rouges, Deodorants, Soaps, Skin Protective Products, Soaps & Detergent
Calcium Carbonate	Calcium Carbonate C & P	For White Tooth Paste, Tooth Powder, Calcium Based Tablets, Body Powder
Talc	Micron Talc C 90 Micron Talc 1030 HUL Supermax Super Talc Ultra Talc	For Creams & Lotions, Colour Cosmetics, Pressed Powders, Sun-Screens, Perfumery Talcum Powder, Shower Gel, Bath Products
Bentonite	Brown Bentonite White Bentonite	For Sun-Screens & after Sun Lotions, Colour Cosmetics, Facial Care, Body Care, Baby Care, Creams, Lotions & Gels, Soaps & Detergents

CERTIFICATES



ISO 14001:2015 &
BS OHSAS 18001:2007



ISO 9001 : 2015



ISO 9001 : 2015



ISO 9001 : 2015



ISO 9001 : 2015



ISO 9001 : 2015



QUALITY MANAGEMENT SYSTEM
CERTIFICATE



QUALITY MANAGEMENT SYSTEM
CERTIFICATE



GHKC-GreEnv Contest 2023-23 Certificate



EcoVadis Rating Certificate

CLIENTELE



CLIENTELE



& more.....

AWARDS AND RECOGNITION



CSR

Empowering Sustainable Living

Empowering Children & Farmers of India

Rural initiatives for a sustainable living

Projects around Farmer Knowledge

Enhancement & Child education

Farmer First Approach

Millions of beneficiaries till date

Employee Participation & Volunteering

Children education programs in districts of Punjab, Rajasthan, Bihar and Odisha

Adoption of village schools

Distribution of books, study materials and stationeries to children

Empowering people with dignity and respect by organizing livelihood

Kisan Jagrukta Abhiyan

Aimed at educating farmers on crop protection and judicious use of agrochemicals.

Promoting the cultivation of 3rd crops for soil fertility and extra income.

Organising special camps.

Signed a MOU with ICAR- IARI for training of farmers to maximize their yield & Entrepreneurship

CSR ACTIVITIES



SAFETY @ WORK



Alwar Celebrated National Safety Week



Bhuj Celebrated National Safety Week



Tirunelveli Celebrated National Safety Week



Udalpur Celebrated National Safety Week



Vadadala Celebrated National Safety Week



CPR Training

The National safety day is observed every year on 4th March. This year 2020 celebrated as the 49th National Safety day organized by 20 Microns groups of company. The National safety day/week is celebrated throughout the country to reiterate the importance of safety and create awareness throughout all 20 microns groups of plant. The Theme of National Safety day 2020 is "Enhance Health & Safety Performance by Use of Advanced Technology".

To promote use of participative approach by employers by involving their employees in SHE activities as part of which we have conducted emergency fire mock drill, safety rally for awareness of all employee with our interested party also demonstrating various safety techniques Poster and painting competitions for our employee were also organized to mark the day.

Also to conducted basic awareness program on COVID 19 The disease causes respiratory illness (like the flu) with symptoms such as a fever, cough, fever, and in more severe cases, difficulty breathing. You can protect yourself by washing your hands frequently, avoiding touching your face, and avoiding close contact (2 meter or 6 feet) with people who are unwell.

ENVIRONMENT DAY



Environment Awareness By Singing Poem



Speech's



Tree Plantation At Garden Area



Tree Plantation At SCD plant



Tree Plantation At VAD plant



Plantation

OCCUPATIONAL HEALTH



THE HEALTH SERVICES

Developing an Occupational Health Center

The organization has developed an Occupational Health centre at the company premises area with to provide better health services for Villagers, Labour colony and plant workers also standby 24 Hrs Ambulance service available in case of medical emergency. The Company have appointed experienced male nurse, also planned to appoint a Medical officer for a regular health checkup in the Mamuara village.



This Medical facility will give benefits to 3000+ villagers and workers in Mamuara village area. its create opportunity for organization for enhance medical facility in rural area.

The Organization have constructed Ambulance room & project took around 3 months to complete in year 2018 which was costed Approx. Rs. 600000/-.

More than 200+ trees were planted around Occupational Health Center to develop a healthy environment.



Waterproofing Ka Boss

- Increases Compressive & Flexural Strength
- Providing Resistance to Chemical Attack
- Preventing Alkali – Silica Reaction



MICRONSIL 30C

Gracksil

NANOSIL





Natural Product to Enhance Plant Growth

जैविक खेती : नई दिशाएं

Sustainable Solutions for Growers

- Increases Nutrient Value of the Farming Land
- Better Agricultural Output From Farming
- Training and Spreading Awareness amongst the farmers.



All types of pulses, cereals, For edible crops, flowers of all kinds

In soil and directly in drip as well Can be used with compost

An acre in 25 kg or 8 Litres

Available in granules & liquid



All types of cash crops and For all types of vegetables

In soil and directly in drip as well Can be used with compost

An acre in 25 kg or 8 Litres

Available in granules & liquid



Fruits of every kind, Horticulture and Plantation

Directly into the soil as well as compost Can be used with

An acre in 25 kg

Available in granules



Soil conditioner for all kinds of soil and crops

Directly into the soil as well as compost Can be used with

An acre in 100 kg

Available in powder



For all types of crops

Flowers, fruits and new shoots Useful for the development of

Pump a 50 to 75 ml

Available in liquid



For all types of crops

All kinds of diseases Useful for protection against

An acre in 3 kg & Pump 75 to 100gm

Available in powder



All kinds of vegetables, For fruit and oil crops

Useful for protection against thrips

Pump a 50 ml

Available in liquid



For all types of crops

Growth and development in flowers, fruits useful for

Pump a 50 ml

Available in liquid

Silcol believes in your craftsmanship to design world-class artistic and highly durable products using Specialty colored quartz offered by Dorfner-20 Microns Private Limited, a Joint Venture between Dorfner Holding GmbH & Co. KG, Germany and 20 Microns Limited India.

Geosil ART Engineered Product of 20 Microns Limited produced with polymer binder and lightfast pigment :

- Tile Grouts
- Textured Coatings
- Commercial Flooring Systems
- Industrial Flooring Systems



Tile Grouts



Textured Coatings



Commercial Flooring Systems



Industrial Flooring Systems

Granucol Engineered Product of Dorfner Germany produces with a mixture that enables particularly attractive surface designs thanks to its depth effect and colour fastness and excellent mechanical benefits, which makes it suitable for all composite applications :

- Kitchen Sinks
- Composites
- Sports turf
- Composite 3d Tile



Kitchen Sinks



Composites



Sports turf



Composite 3d Tile





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