



MICA SOLUTIONS
for industrial applications
SINCE 1910

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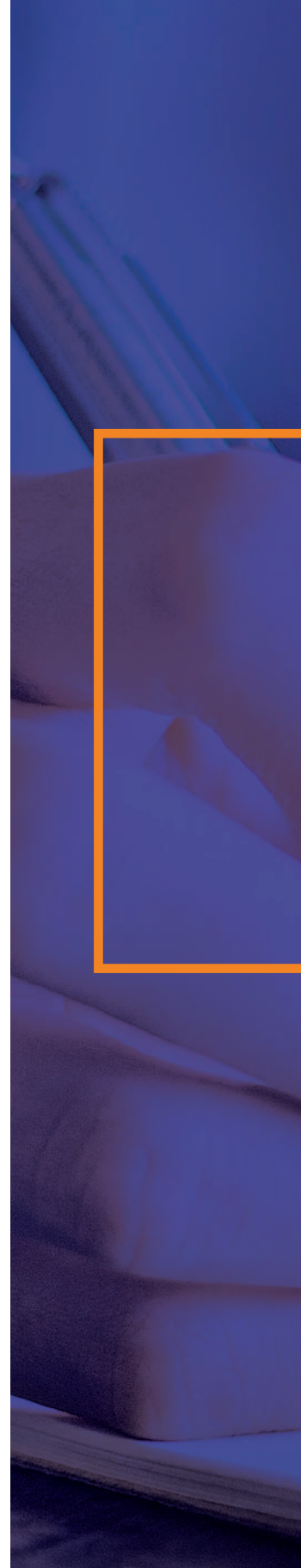
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CHAIRMAN'S MESSAGE

As with any entrepreneur with a practical vision, I have always looked forward to achieving growth and development with a vision of a bright future for us and our clientele. We strive hard to achieve the same through great team effort, innovation and hard work. With this belief, I started MPMICA in 1988, a company dedicated to Mica products. Within a short span of time MPMICA made its name in the business segment but like every entrepreneur who wants to excel in their field of expertise, I wanted to push my company to achieve more prominent milestones.

More than being a global player, I always envisioned my company as a unit that could make a difference with its quality and competitively priced products. Treading on the path less traveled by, I expanded MPMICA into a highly diligent business model that requires a high level of technical comprehension, expertise and specialised knowledge thus giving it the name it earned itself in the worldwide Mica market.



A hand holding a blue pen is writing on a spiral notebook. The background is a blurred blue and white. A white rectangular box with an orange border is positioned in the upper left quadrant, containing the main text.

The journey of MPMICA is a continuous one and with the support and efforts of my team members I am confident that my company will continue to touch milestones & excel for years to come.

“The journey & success of MPMICA is a collective effort & unending support from my team through which we will continue to prosper for years to come.”

ABOUT MPMICA

M. P. MICA ENTERPRISES PVT. LTD, has been incorporated in the year 1988 with a vision to feed India's growing market and consumption of mica and mica products and to process high quality Mica Scrap, Mica Blocks, Mica flakes, Mica Powder and Mica parts for the global market.

The company is well equipped with facilities to produce various forms of Mica as per global standards. This encompasses mining to processing of all forms of mica.

MPMICA emphasizes on quality while executing orders of any quantum, hence we are highly accepted by our customers all over the world.

In order to maintain high quality standard and timely delivery of supplies, we have leased two mica mines in the state of Rajasthan.

ABOUT MICA

The mica group of sheet silicate minerals includes several closely related materials having nearly perfect basal cleavage. All are monoclinic, with a tendency towards pseudo-hexagonal crystals, and are similar in chemical composition.

Mica is a collection of silicate minerals having amounts of aluminium, iron, magnesium, potassium and water.

Properties of Mica

Mica possess some of the most exceptional and outstanding blend of properties rarely found in any other mineral thus commanding a unique position.

PHYSICAL Properties

Mica is flexible, transparent, optically flat, reflective, refractive, colourless in thin sheets, easily splittable into thin films along its cleavage, resilient and incompressible.

CHEMICAL Properties

Mica is tolerant and completely inert to the action of water, acids (except hydro-fluoric acid and concentrated sulphuric acid), alkalies, bases, mineral oils, conventional solvents and chemical influence. Virtually unaffected by atmospheric action and weathering.



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We constantly aim at being one of the most reliable and best producers, manufacturers and distributors of Mica. Our vision is to continue offering high range products to our new & existing clientele.

”

ELECTRICAL Properties

Mica has distinctive combination of great dielectric strength, uniform dielectric constant and capacitance stability, low power loss (high Q factor), high electrical resistivity, low temperature coefficient and superior insulating properties. It is noted for its resistance to arc and corona discharge with no permanent injury.

THERMAL Properties

Mica is fire proof, infusible, incombustible and non-flammable. It has low heat conductivity, remarkable thermal endurance and can be exposed to high temperatures without any noticeable effect.

MECHANICAL Properties

Mica is relatively soft and it can be hand-cut, machined or die-punched. It is flexible, elastic and tough, having high tensile strength. It can easily sustain mechanical stresses and pressures.

CHEMICAL COMPOSITION of Muscovite Mica

Silica (SiO ₂)	45.70%
Alumina (Al ₂ O ₃)	33.10%
Potassium Oxide (K ₂ O)	09.87%
Potassium Oxide (K ₂ O)	02.48%
Sodium Oxide (Na ₂ O)	00.62%
Titanium Oxide (TiO ₂)	45.70%
Calcium Oxide (CaO)	00.21%
Magnesia (MgO)	00.38%
Moisture @ 100°C	00.25%
Phosphorous (P)	00.03%
Sulphur(S)	00.01%
Graphitic Carbon (C)	00.44%
Loss on ignition (H ₂ O)	02.74%

PHYSICAL PROPERTIES of Muscovite Mica

Properties

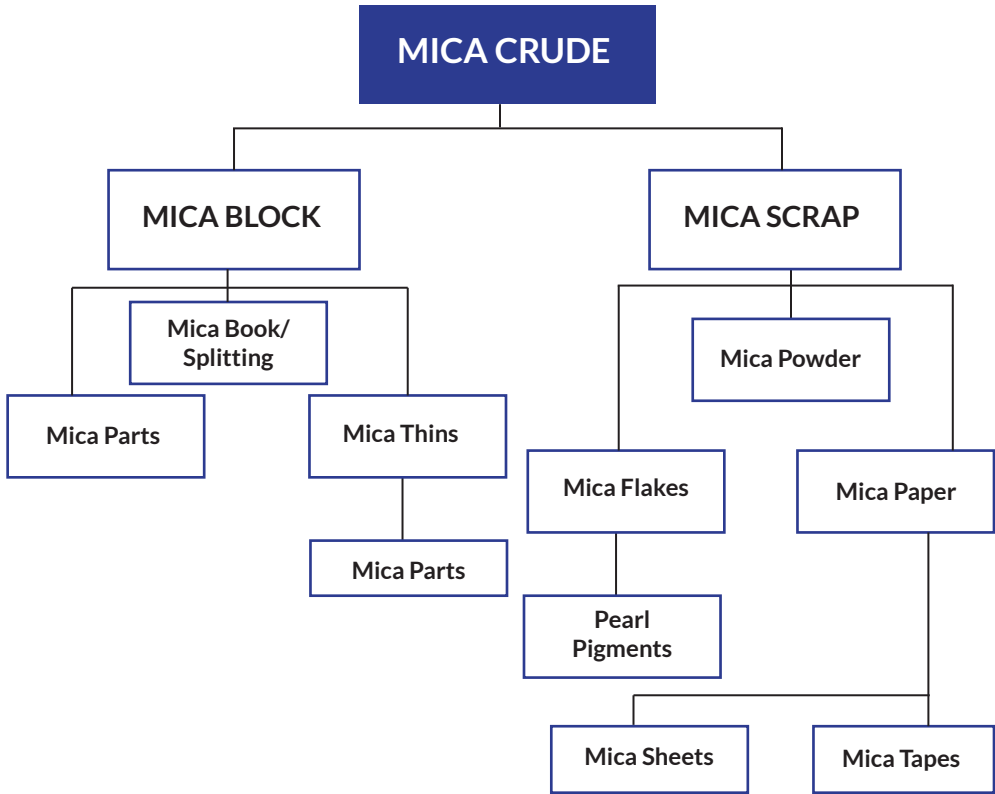
Units

BS 3483	100g Mica
Effect by common acids	Slight
Hardness (moh's scale)	2.5
Index of refraction	1.58
Softening point	2800°F
Oil absorbtion	60-90 g/oil
Specific gravity	2.82
Water soluble	Not more
BS 1765)	Than 0.5%
pH value (BS 3483)	7.7
Phericity factor	0.01
pH for distilled water	5.2
Character	White, often sheds tiny flakes
Lustre	Pearly to vitreous
Appearance	Transparent to translucent

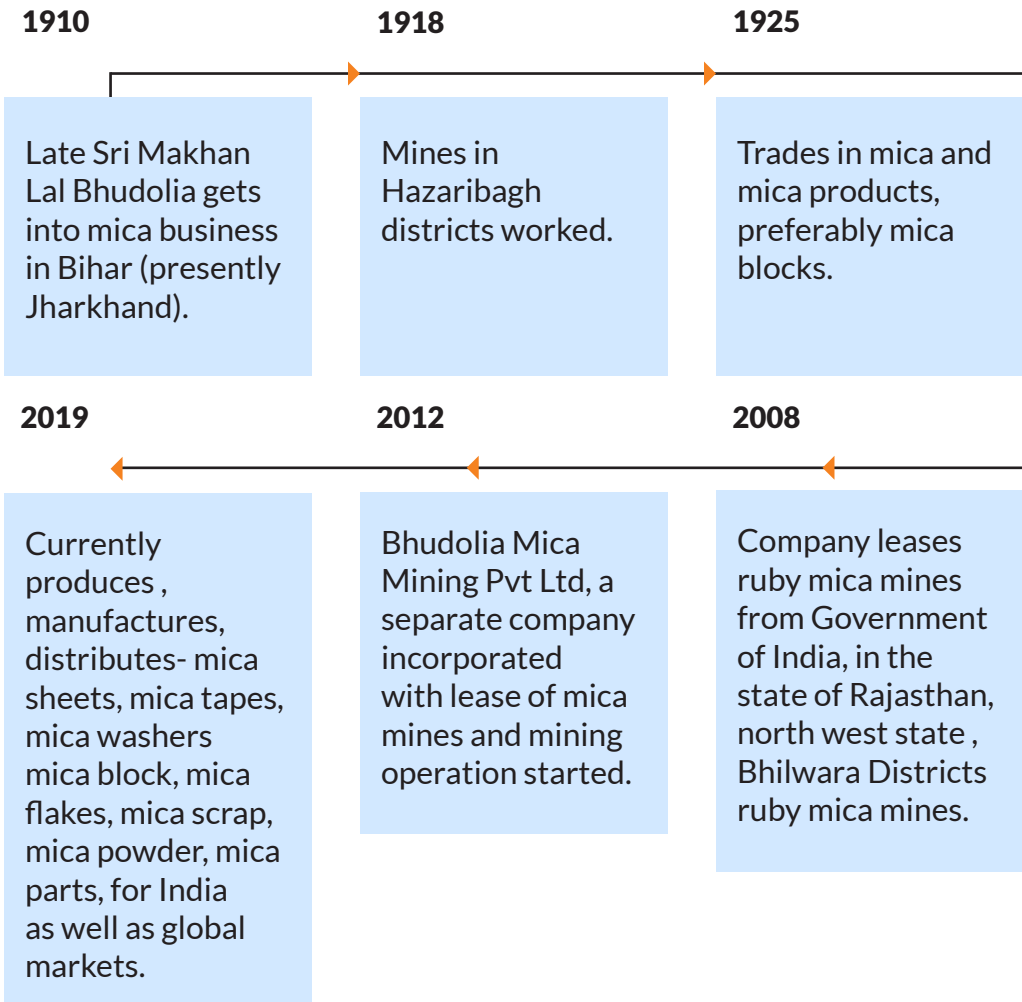
TECHNICAL PROPERTIES of Muscovite Mica

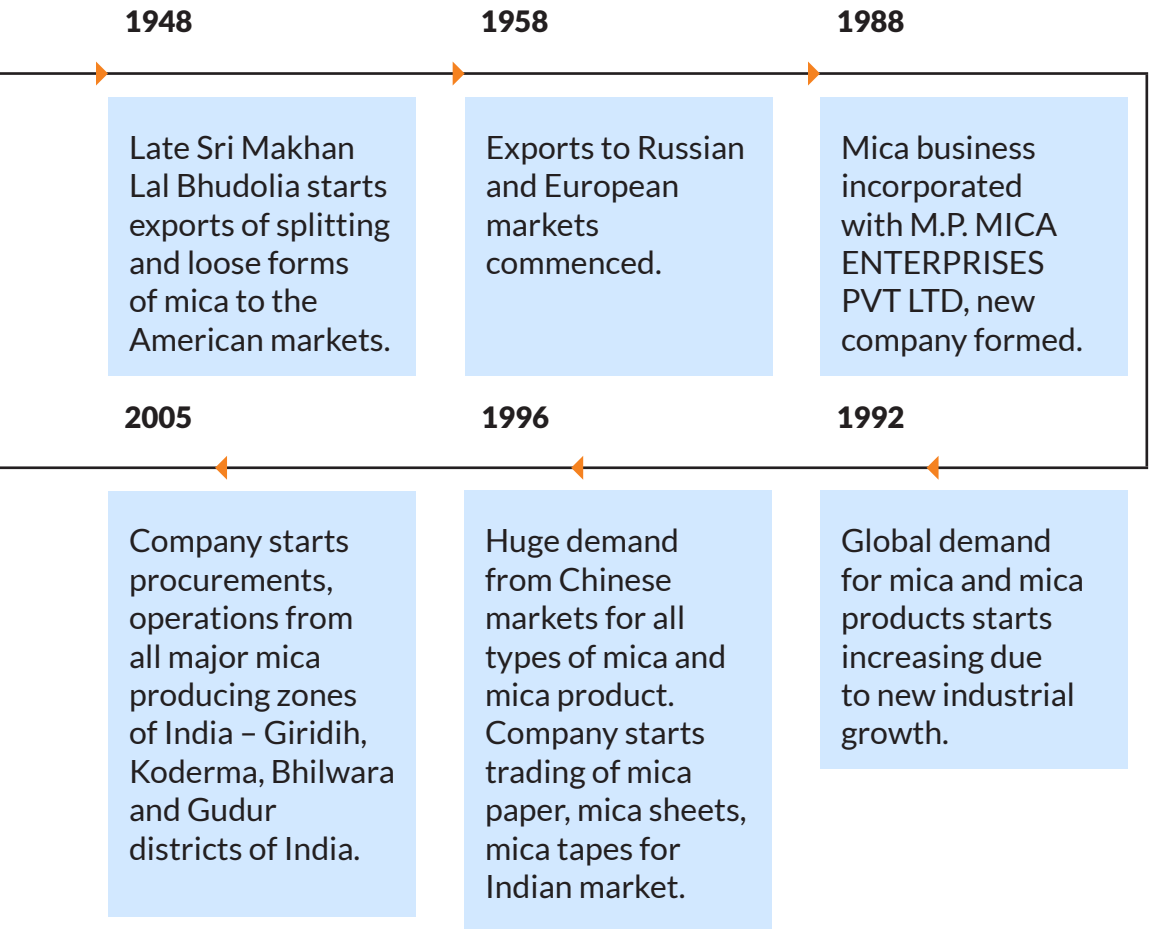
Properties	Units	Muscovite
Thermal conductivity perpendicular to cleavage plane	Gm.cal/sec/cm2/°C/cm BTU/hr/ft2/Of/ft	about 0.0013 about 0.31
Thermal conductivity parallel to cleavage plane	Gm.cal/sec/cm2/°C/cm BTU/hr/ft2/Of/ft	---
Water of Constitution %	---	4.5
Moisture Absorption	---	Very low
Volume Resistivity	25°C (77°F) ohm cm	40×10^{13} - 2×10^{17}
Acid Reaction	---	affected by hydrofluoric acid
Insulation Resistance	$\times 10^{13}$ ohm/cm	4-20000
Calcining temp	°C	700-800
Max. operating temp	°C	500-600
Tensile strength	MN/m2	175
Shear strength	MN/m2	175
Compression Strength	MN/m2	220-270
Modulus of Elasticity	Kgfc/m2 $\times 10^{-3}$ lbf/in2 $\times 10^{-3}$	1400 - 2100 20-30
Loss tangent	$\times 10^{-4}$	1-4
Permittivity at 15°C(60°F)	---	6-7

PROCESS of MICA FLOW CHART



OUR HISTORY





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1988 - Mica business incorporated with M. P. MICA ENTERPRISES PVT LTD, new company formed.

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Applications of Mica Blocks:

Manufacturing capacitors for radio frequency applications
Condensers for defense & Aircraft appliances
Plastic industry
Heat Resistant Glass & more

MICA BLOCKS

Mica crystals coming out of the mines in the form of blocks, lumps or books of irregular shapes, sizes and thickness along with impurities. These mica crystals are derived in blocks hence the word 'MICA BLOCK' has been used for processed natural mica.

Highly trained workers with knives and scissors clean and shape the crude mica to make 'Mica Blocks'. A minimum thickness of 0.18mm is required after dressing (cut/clean) for mica block or else below these are called 'Thin Mica'.

Mica Blocks are classified into 13 sizes with different forms, the sizes varies from .75 inch² to 100 inch² (1.6cm² to 100 cm²).

Mica blocks are available in various qualities like Ruby mica block, Green mica block, Spotted mica block etc. We export mica block as per buyers specification and keep the standard in matching requirements.



MICA BLOCKS - STANDARD SIZES OF MICA

ASTM(USA)	Area of minimum Rectangle		Minimum Dimension of one side	
	Sq.In.	Equivalent Cm	Inch	Equivalent Cm
OOEE Special	100	650	4	10.0
OEE Special	80	520	4	10.0
EE Special	60	390	4	10.0
E Special	48	310	4	10.0
A-1 (Special)	36	235	3 1/2	8.8
No. 1	24	155	3	8.8
No. 2	15	97	2	5.0
No. 3	10	65	2	5.0
No. 4	6	40	1 1/2	3.8
No. 5	3	20	1	2.5
No. 5 ^{1/2}	2 1/2	15	7/8	2.2
No. 6	1	6.5	3/4	1.9

C0- RELATION OF QUALITY STANDARDS

ASTM Grade Size	JHARKHAND / BIHAR / RAJASTHAN	ANDHRA PRADESH	
V1	CL	Clear	---
V2	CL & SS	Clear & Slightly Stained	Green CL I
V3	FS	Fair Stained	---
V4	GS(I)	Good Stained(ISI)	---
V5	STD. A	Stained A	Ruby AQ
V6	STD. B	Stained B	Ruby BQ/Green BQ
V7	HS	Heavily Stained	---
V8	DS	Densely Stained	---
V9	Spotted I	Spotted 1st	Spotted I
V10	Spotted II	Spotted 2nd	Spotted III



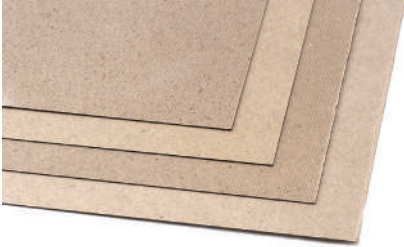
Applications of Mica Sheets:

Electric vehicle
Energy storage systems
Solid oxide fuel cells
Electrical industrial equipment
Electrical appliances
Motors and Generators
Electrical Control
Commutator & more

MICA SHEETS

Mica sheet is a kind of plate like made of Muscovite paper or Phlogopite paper micas with proper adhesive (silicon/ epoxy) after pressed and baked.

It has good mechanical strength and property of heat resistance. It can be used within 400°C- 700°C for a long time.



Silicon Bonded Rigid Mica Plates/Sheets



Silicon Bonded Mica Plates/ Sheets



Silicon Bonded Flexible Mica Plates/Sheet



Epoxy Bonded Muscovite Mica Plates/ Sheets



Gasket Mica Plates/Sheet

Silicon Bonded Rigid Sheet (0.06mm-1.9mm)

Technical Data				
THICKNESS	0.06mm -1.9mm			
TOLERANCE IN THICKNESS	± 5%			
PACKAGE	Carton / Air Tight Plastics			
SIZE(LXW)	1000 X 600mm, 1000 X 1200mm, 1000 x 2400mm			
ITEM		Test		
		Procedure		
MICA PAPER			Muscovite	Phlogopite
BOND CONTENT			≤10	≤10
DENSITY g/m3		IEC371-2	1.7 - 2.15	1.7 - 2.25
HEAT RESISTANCE	Continuous ° C		500° C	700° C
	Peak ° C		700° C	700° C
HEAT LOSS CONTINUOUS	500° C %		<1	<1
TEMPERATURE	700° C %		<2	<2
WATER ABSORPTION	24h/23° C %		<1	<1.5
DIELECTRIC STRENGTH	kV/mm	IEC243	≥20	≥20
	600° C/1 hour, tested at 20°C			
	23° C ohm.cm	IEC93	>10 ⁷	>10 ⁷
VOLUME RESISTIVITY	500° C ohm.cm		>10 ¹²	>10 ¹²

Silicon Bonded Rigid Sheet (0.06mm-1.9mm)

TECHNICAL DETAILS

Thickness : 0.06mm – 1.9mm

Width : 1000mm

Size : 1000 x 600mm, 1000 x 1200mm, 1000mm x 2400m



Phlogopite Mica Rigid Sheets



Muscovite Mica Rigid Sheets

Silicon Bonded Flexible Mica Sheets (0.1mm-6mm)

Technical Data				
THICKNESS	0.1mm- 6mm			
TOLERANCE IN THICKNESS	± 5%			
PACKAGE	Carton			
SIZE(LXW)	1000 X 600mm, 1000 X 1200mm, 1000 x 2400mm, 1000mm X 100mtr, Rolls			
ITEM		Test		
		Procedure		
MICA PAPER			Muscovite	Phlogopite
BOND CONTENT			10%	10%
DENSITY g/m ³		IEC371-2	1.7 - 2.15	1.7 - 2.25
HEAT RESISTANCE	Continuous ° C		500° C	700° C
	Peak ° C		700° C	900° C
HEAT LOSS CONTINUOUS	500° C %	IEC371	≤3	≤3
DIELECTRIC STRENGTH	kV/mm	IEC243	≥20	≥18
VOLUME RESISTIVITY	23° C ohm.cm	IEC93	>10 ¹⁷	>10 ¹⁷
	500° C ohm.cm		>10 ¹²	>10 ¹²

Silicon Bonded Flexible Mica Sheets (0.1mm-6mm)

TECHNICAL DETAILS

Thickness: 0.1mm - 6mm

Width: 1000mm

Size: 1000 × 600mm, 1000 × 1200m, 1000 × 2400mm



Phlogopite Flexible Mica Sheets



Muscovite Flexible Mica Sheets



TECHNICAL DETAILS

Thickness: 2mm - 80mm

Width: 1000mm

Size: 1000 × 600mm, 1000 × 1200m, 1000 × 2400mm

Thick Mica Sheet (2mm-5mm)

Technical Data				
THICKNESS	2mm - 5mm			
TOLERANCE IN THICKNESS	± 7%			
PACKAGE	Carton / Air Tight Plastics			
SIZE(LXW)	1000 X 600mm, 1000 X 1200mm, 1000 x 2400mm			
ITEM		Test		
		Procedure		
MICA PAPER			Muscovite	Phlogopite
BOND CONTENT			≤12	≤12
DENSITY g/m ³		IEC371-2	2 - 2.25	2 - 2.25
HEAT RESISTANCE	Continuous ° C		500° C	700° C
	Peak ° C		700° C	900° C
HEAT LOSS CONTINUOUS	500° C %		<1	<1
TEMPERATURE	700° C %		<2	<2
WATER ABSORPTION	24h/23° C %		<0.5	<0.5
FIRE RESISTANCE CLASSIFICATION			94V-0	94V-0
	20° C kV/mm	IEC243	>20	>20
	400° C/1 hour, tested at 20° C			
DIELECTRIC STRENGTH	kV/mm	IEC243	13	13
	600° C/1 hour, tested at 20° C			
	kV/mm	IEC243	10	10
	20° C ohm.cm	IEC93	>10 ¹⁶	>10 ¹⁶
VOLUME RESISTIVITY	400° C ohm.cm		>10 ¹²	>10 ¹²
	500° C ohm.cm		>10 ⁹	>10 ⁹

Thick Mica Sheet (6mm-30mm)

Technical Data				
THICKNESS	6mm - 30mm			
TOLERANCE IN THICKNESS	± 5%			
PACKAGE	Carton / Air Tight Plastics			
SIZE(LXW)	1000 X 600mm, 1000 X 1200mm, 1000 x 2400mm			
ITEM		Test		
		Procedure		
MICA PAPER			Muscovite	Phlogopite
BOND CONTENT			≤12	≤12
DENSITY g/m ³		IEC371-2	2 - 2.25	2 - 2.25
HEAT RESISTANCE	Continuous ° C		500° C	700° C
	Peak ° C		700° C	900° C
HEAT LOSS CONTINUOUS	500° C %		<1	<1
TEMPERATURE	700° C %		<2	<2
WATER ABSORPTION	24h/23° C %		<0.5	<0.5
FIRE RESISTANCE CLASSIFICATION			94V-0	94V-0
	20° C kV/mm	IEC243	>20	>20
DIELECTRIC STRENGTH	400° C/1 hour, tested at 20° C			
	600° C/1 hour, tested at 20° C			
	kv/mm	IEC243	10	10
	20° C ohm.cm	IEC93	>10 ¹⁶	>10 ¹⁶
VOLUME RESISTIVITY	400° C ohm.cm		>10 ¹²	>10 ¹²
	500° C ohm.cm		>10 ⁹	>10 ⁹

Thick Mica Sheet (6mm-30mm)

Technical Data				
THICKNESS	6mm - 30mm			
TOLERANCE IN THICKNESS	± 5%			
PACKAGE	Carton / Air Tight Plastics			
SIZE(LXW)	1000 X 600mm, 1000 X 1200mm, 1000 x 2400mm			
ITEM		Test		
		Procedure		
MICA PAPER			Muscovite	Phlogopite
BOND CONTENT			≤12	≤12
DENSITY g/m3		IEC371-2	2 - 2.25	2 - 2.25
HEAT RESISTANCE	Continuous ° C		500° C	700° C
	Peak ° C		700° C	900° C
HEAT LOSS CONTINUOUS	500° C %		<1	<1
TEMPERATURE	700° C %		<2	<2
WATER ABSORPTION	24h/23° C %		<0.5	<0.5
FIRE RESISTANCE CLASSIFICATION			94V-0	94V-0
	20° C kV/mm	IEC243	>20	>20
	400° C/1 hour, tested at 20° C			
DIELECTRIC STRENGTH	600° C/1 hour, tested at 20° C			
	kv/mm	IEC243	10	10
	20° C ohm.cm	IEC93	>10 ¹⁶	>10 ¹⁶
VOLUME RESISTIVITY	400° C ohm.cm		>10 ¹²	>10 ¹²
	500° C ohm.cm		>10 ⁹	>10 ⁹

Epoxy Mica Sheets For Commutators (0.2mm - 1.9mm)

TECHNICAL DETAILS

Thickness : 0.2mm to 1.9mm

Width : 1000mm

Size : 1000 x 600mm, 1000 x 1200mm, 1000 x 2400mm

Technical Data			
THICKNESS	0.2mm - 1.9mm		
TOLERANCE IN THICKNESS	± 3%		
PACKAGE	Carton		
SIZE(LXW)	1000 X 600mm, 1000 X 1200mm		
MICA PAPER		Muscovite	Phlogopite
BOND CONTENT		10%	10%
DENSITY g/m3		2.1 - 2.4	2.1 - 2.4
THICKNESS TOLERANCE MM	Average	±0.02	±0.02
	Individual	±0.03	±0.03
COMPRESSIBILITY	Ce-elastic %	≤2.5	≤2.5
	Cp-plastic %	≤2.5	≤2.0
FLEXURAL STRENGTH MPA		>300	>300
ELASTIC MODULUS MPA		>80000	>70000
RESISTANCE TO EXUDATION AND DISPLACEMENT °C		200 °C	200 °C
DIELECTRIC STRENGTH kV/mm		>20	>20

Gasket Mica Sheet (0.25mm-3.5mm)

TECHNICAL DETAILS

Thickness: 0.25mm - 3.5mm

Width: 1000mm

Size: 1000 × 600mm, 1000 × 1200m, 1000 × 2400mm

Technical Data				
THICKNESS	0.25mm - 3.5mm			
TOLERANCE IN THICKNESS	± 5%			
PACKAGE	Carton			
SIZE(LXW)	1000 X 20, 25, 50 mtr Rolls			
ITEM		Test		
MICA PAPER			Muscovite	Phlogopite
BOND CONTENT			10%	10%
DENSITY g/m3		IEC371-2	1.7 - 2.15	1.7 - 2.25
HEAT RESISTANCE	Continuous ° C		500° C	700° C
	Peak ° C		700° C	900° C
HEAT LOSS CONTINUOUS	500° C %	IEC371	≤3	≤3
DIELECTRIC STRENGTH	kV/mm	IEC243	≥20	≥18
VOLUME RESISTIVITY	23° C ohm.cm	IEC93	>10 ¹⁷	>10 ¹⁷
	500° C ohm.cm		>10 ¹²	>10 ¹²



Applications of Mica Tapes:

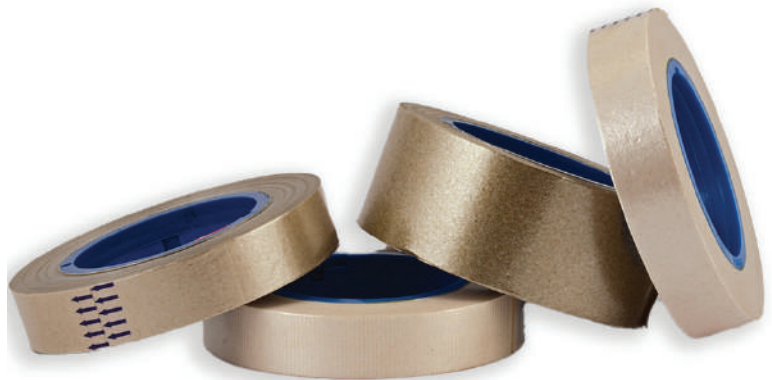
Insulation of electrical cables and coils
Fire fighting cables
Fire retardant cables
Transformers
Industrial plants
cable for subways
Aero space units
Tele communication fibers
Ships
Military facilities
Radar equipments & more

MICA TAPE

Mica tapes are manufactured using mica paper (muscovite, phlogopite, calcined or synthetic) with backings of glass cloth or polyester film (polyimide preferably) or both for applications such as dielectric barriers for motors, transformers, generator and barrier of circuit integrity during fire conditions of wire and cables, all impregnated with high temperature silicon resin.

The mica tape backing depends on it's application. (e.g., If it's a high temperature application - polyimide backing tapes are used). The winding of mica tapes for its application are very important, wrapping should be done well to get best results.

Typically the tape is produced with a thickness of 0.08mm - 0.15mm and width depending on the needs of the customer (in the range of 4.5mm - 1000mm).



Properties

- High thermal resistance-good fire resistance,
- Non-flammable, does not contain asbestos, does not produce toxic gases.
- Very good resistance to electrical breakdown and corona discharge,
- Excellent tensile strength, anti-shock.

Factors determining the properties of mica rolls:

- Kind of mica paper
- Type and amount of binder used (resin),
- Type of applied substrate (fibre glass, ceramic, plastic film)
- Number of substrate layers.

Types of mica tapes:

- Muscovite + Glass cloth
- Glass + muscovite + Glass
- Polyester + Muscovite + Glass
- Phlogopite + Glass
- Glass + Phlogopite + Glass
- Polyester + Phlogopite + Glass



Muscovite Mica Tape with Single Side Glass Fabric/MG

TECHNICAL DETAILS

Width : 5mm - 1000mm
Length : 25m /50m /100m /300m /500m
Core : 76mm

Thickness	0.10 ± 0.015	0.12 ± 0.015	0.14 ± 0.015
Total Substance (g/m ²)	135 ± 10	158 ± 10	181 ± 12
Mica Content (g/m ²)	80 ± 3	100 ± 3	120 ± 5
Glass Content (g/m ²)	32 ± 3	32 ± 3	32 ± 3
Bond Content (g/m ²)	23 ± 4	26 ± 4	29 ± 4
Dielectric Strength (kV/layer)	> 1.2	> 1.5	> 1.8
Tensile Strength (N/cm)	> 100	> 120	> 120

Muscovite Mica Tape With Double Sided Glass Fabric/GMG

TECHNICAL DETAILS

Width : 5mm - 1000mm
Length : 25m /50m /100m /300m /500m
Core : 76mm

Thickness	0.10 ± 0.015	0.10 ± 0.015
Total Substance (g/m ²)	202 ± 13	225 ± 13
Mica Content (g/m ²)	140 ± 5	160 ± 5
Glass Content (g/m ²)	42 ± 4	42 ± 4
Bond Content (g/m ²)	20 ± 4	23 ± 4
Dielectric Strength (kV/layer)	> 1.6	> 2.0
Tensile Strength (N/cm)	> 120	> 120

Muscovite Mica Tape with Glass Fabric and Film Backed/ PMG

TECHNICAL DETAILS

Width : 5mm - 1000mm
 Length : 25m /50m /100m /300m /500m
 Core : 76mm

Thickness	0.145 ± 0.02	0.16 ± 0.02
Total Substance (g/m ²)	203 ± 12	226 ± 13
Mica Content (g/m ²)	140 ± 5	160 ± 5
Glass Content (g/m ²)	25 ± 2	25 ± 2
Film Content (g/m ²)	18 ± 2	18 ± 2
Bond Content (g/m ²)	20±3	23 ± 4
Dielectric Strength (kV/Layer)	>3.0	>3.0
Tensile Strength (N/cm)	>120	>120

Phlogopite Mica Tape With Single Side Glass Fabric/PhG

TECHNICAL DETAILS

Width : 5mm - 1000mm
 Length : 25m /50m /100m /300m /500m
 Core : 76mm

Thickness (mm)	0.10 ± 0.015	0.11 ± 0.015	0.125 ± 0.015	0.14 ± 0.015
Total Substance (g/m ²)	125 ± 9	148 ± 9	172 ± 11	216 ± 11
Mica Content (g/m ²)	80 ± 3	100 ± 3	120 ± 5	160 ± 5
Glass Content (g/m ²)	32 ± 3	32 ± 3	32 ± 3	32 ± 3
Bond Content (g/m ²)	13 ± 3	16±3	20± 3	24 ± 3
Dielectric strength (kV/layer)	>1.0	>1.1	>1.2	>1.4
Tensile Strength (Ncm)	>120	>120	>120	>120

Phlogopite Mica Tape With Double Sided Glass Fabric/ GPhG

TECHNICAL DETAILS

Width : 5mm - 1000mm

Length : 25m /50m /100m /300m /500m

Core : 76mm

Thickness	0.10 ± 0.015	0.10 ± 0.015
Total Substance (g/m ²)	202 ± 13	225 ± 13
Mica Content (g/m ²)	140 ± 5	160 ± 5
Glass Content (g/m ²)	42 ± 4	42 ± 4
Bond Content (g/m ²)	20 ± 4	23 ± 4
Dielectric Strength (kV/layer)	> 1.6	> 2.0
Tensile Strength (N/cm)	> 120	> 120

Phlogopite Mica Tape with Glass Fabric and Film Backed/ PPhG

TECHNICAL DETAILS

Width : 5mm - 1000mm

Length : 25m /50m /100m /300m /500m

Core : 76mm

Thickness	0.145 ± 0.02	0.16 ± 0.02
Total Substance (g/m ²)	203 ± 12	226 ± 13
Mica Content (g/m ²)	140 ± 5	160 ± 5
Glass Content (g/m ²)	25 ± 2	25 ± 2
Film Content (g/m ²)	18 ± 2	18 ± 2
Bond Content (g/m ²)	20±3	23 ± 4
Dielectric Strength (kV/Layer)	>3.0	>3.0
Tensile Strength (N/cm)	>120	>120



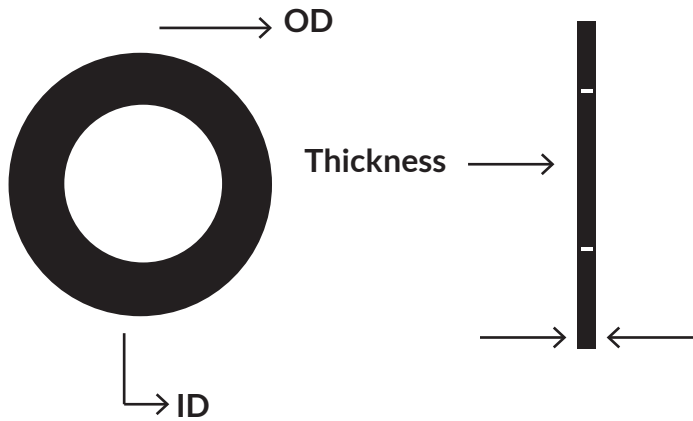
Applications of Mica Washers:

Insulators for high temperature
Heat barrier in heaters
Heat barriers in home appliances

MICA WASHERS

A mica washer is a flat disc with a centrally located hole. It's used for insulating applications with excellent electrical properties and high heat resistance.

Mica washers are resistant to heat and corrosion and when used as spacers, they serve as reliable insulators and can be used in electrical and industrial applications. We manufacture mica washers in natural mica and silicon bonded mica with different ID and OD and specified thickness.





Applications of Mica Parts:



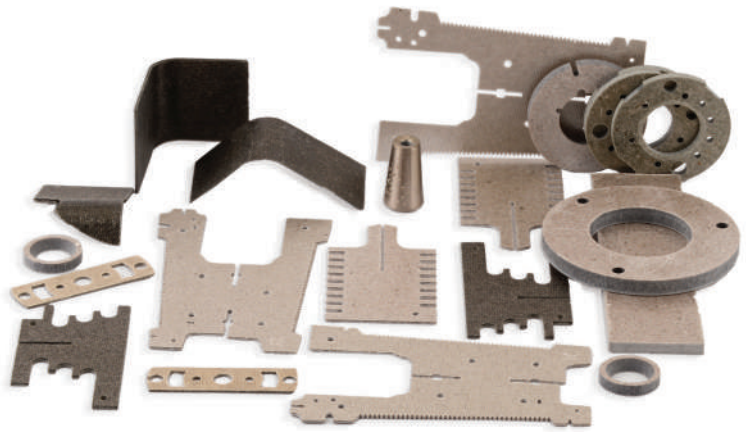
Thermal and electrical insulation

MICA PARTS

We produce punched mica in natural mica and silicon mica sheets.

Our company has advanced tools and precision for world class quality and on time delivery.

We have sufficient machines such as pressing machines, lathe machines and automated machines to supply to our global customers. Our company has 2000 square meters special department to produce mica parts.



Infrastructure

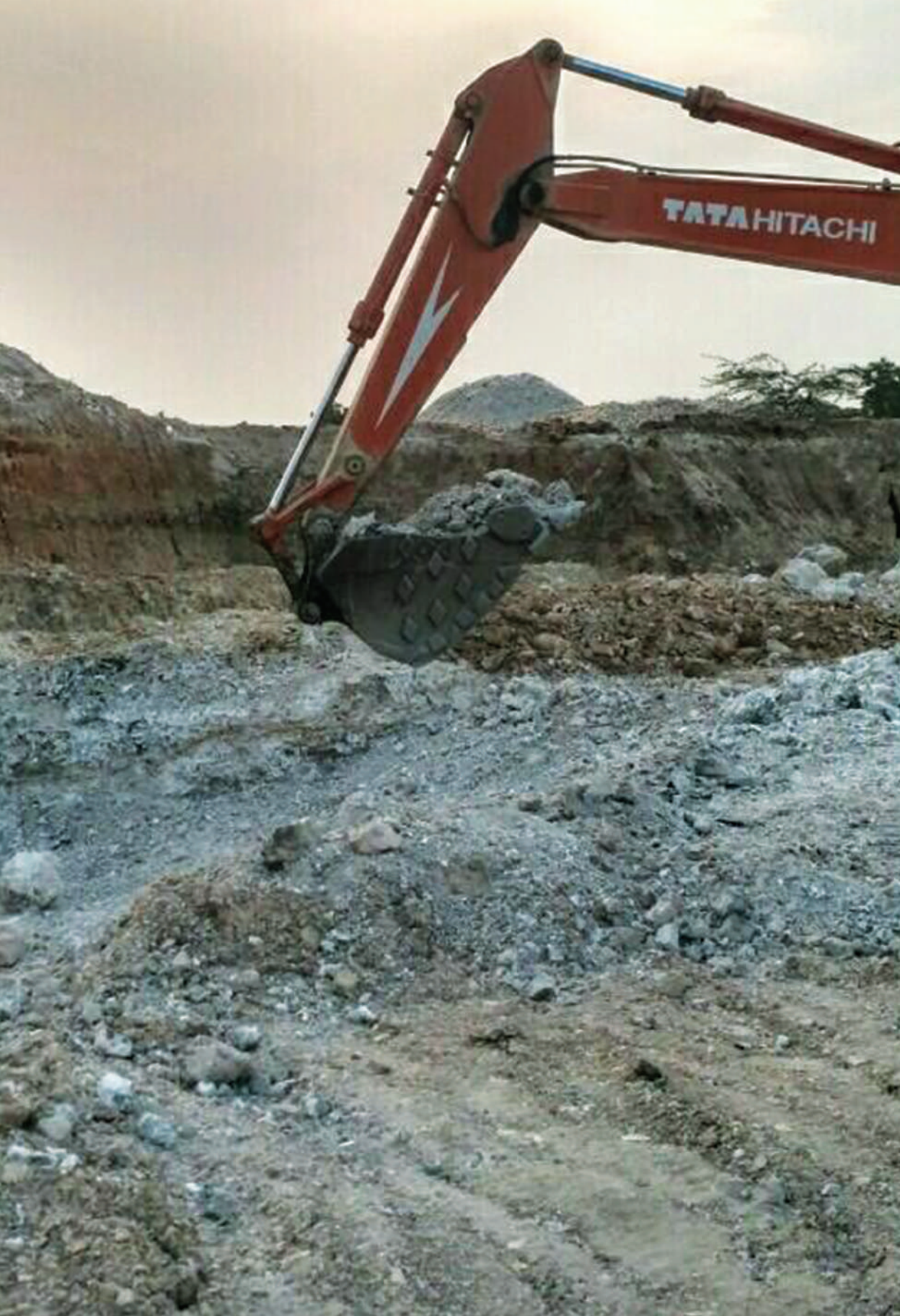
We ensure infrastructure that form the basis of a Mica operation and system. MPMICA assures having a set of fundamental facilities and systems including the services and facilities necessary for its economy to function. We have taken care of the installations that form the basis for any operation or system.

We take pride as we have made sure that the quality and advanced technology go hand in hand.

Our industry premises are adequately equipped with most modern resources.

We have independent departments that are categorized based on technologies & services that we offer. Our infrastructure setup keeps us a level ahead when it comes to delivering products & services in a timely, quality rich manner.





TATA HITACHI

OUR PRESENCE

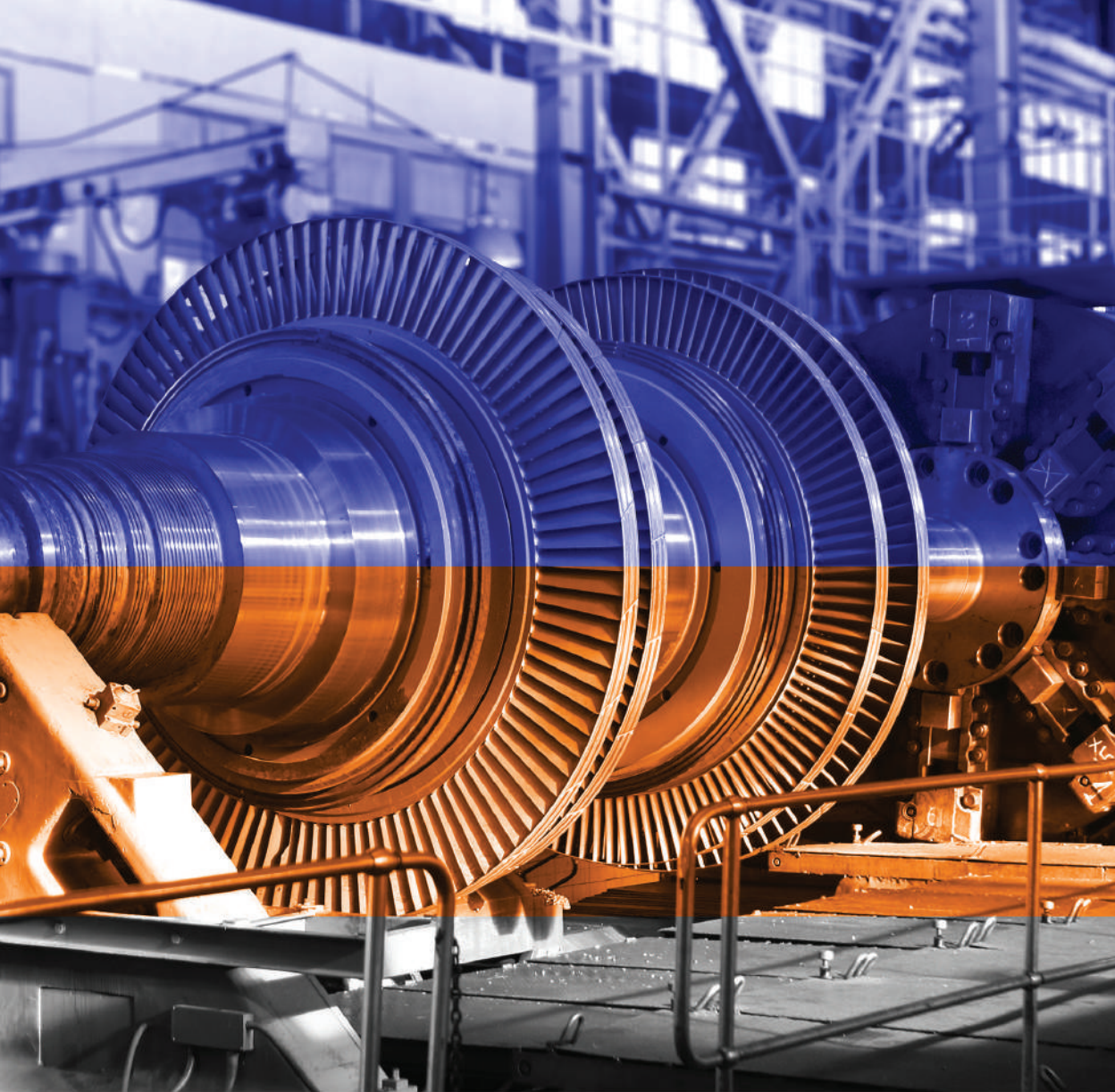
MPMICA is a company based out of India with its presence spread across various countries. Established in 1910 as a mica trading company from Giridih, Jharkhand, India, has over the years evolved into a reputed mining, processing and exporting company with a global presence in the field of mica, quartz and feldspar

servicing the industrial minerals, specialty chemicals and cosmetic industry.

With a strong emphasis on quality systems and innovation, we strive to be reliable and long term partners to our existing and prospective customers.

“ Dominating the worldwide mica market, our organization is growing exponentially everyday. ”





CONTACT US

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