

SATELLITE INDUSTRIES

Plot No 2802/C , 3rd Phase, G.I.D.C, Umbergaon, Dist Valsad, Gujarat -396171

Phone Number: +91-9998640097/9820771016/9824336770

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Name: Mica Powder (SI-621)

Grade: SI-621 Mica

Color: Black (Other colors as per customer's requirement)

Filler: Mica and Wood Flour

Powder Properties:

Apparent Density	gm/ml	0.65-0.67
Shrinkage	cm/cm	0.007-0.009
Pelleting	----	Good

Physical Properties:

Impact Strength	Kg-cm	2.0-2.5
Tensile Strength	kg/cm ²	600-700
Cross Breaking strength	kg/ cm ²	650-800

Electrical Properties:

Electrical Strength at 90 °C	V/mm	7000-10000
Volume resistivity	log10 ohm-cm	10.00-11.00
Surface resistivity	log10ohm	10.00-11.00

Other Properties:

Water absorption	mg	50-80
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Rate of cure

Min. cure at 160°C	sec/mm	50-90
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Moulding conditions

Recommended moulding temp.	°C	150-165
Recommended moulding pressure	kg/ cm ²	235-390