

SATELLITE INDUSTRIES

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

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Name: Glass Filled Moulding Powder (SI-621)

Grade: SI/621 Glass Filled

Color: Black, Brown

Filler: Fiber Glass and Wood Flour

Powder Properties:

Apparent Density	gm/ml	0.70-0.80
Shrinkage	cm/cm	0.001-0.003
Pelleting	----	Fair

Physical Properties:

Impact Strength	Kg-cm	3.0-6.0
Tensile Strength	kg/cm ²	300-350
Cross Breaking strength	kg/ cm ²	650-750

Electrical Properties:

Electrical Strength at 90 °C	V/mm	9000-11000
Volume resistivity	log10 ohm-cm	11.00-12.00
Surface resistivity	log10ohm	11.00-12.00

Other Properties:

Water absorption	mg	3-10
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Rate of cure:

Min. cure at 160°C	sec/mm	80-100
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Moulding conditions:

Recommended moulding temp.	°C	145-170
Recommended moulding pressure	kg/ cm ²	125-300