

SATELLITE INDUSTRIES

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

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Name: Black Glass Fiber Reinforced Powder (SI-171)

Grade: SI-171

Color: Black

Filler: Cellulose Fiber

Moulding Process: Injection, Transfer

Features: Good Surface Finish and High Gloss with improved Electric Resistance, Heat Resistance.

Powder Properties:

Apparent Density	gm/ml	0.15-0.25
Bulk Factor	----	5.2-9.0
Shrinkage	cm/cm	0.003-0.005
Pelleting	----	poor

Physical Properties:

Impact Strength	Kg-cm	8.3
Tensile Strength	kg/cm ²	428
Cross Breaking strength	kg/ cm ²	670-770
Specific Gravity	----	1.30-1.35

Other Properties:

Water absorption	mg	350
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Rate of cure:

Min. cure at 160°C	sec/mm	60-90
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Moulding conditions:

Recommended moulding temp.	°C	150-165
Recommended moulding pressure	kg/ cm ²	250-450