

SATELLITE INDUSTRIES

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

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Name: Black PF(Bakelite) Powder (SI-610)

Grade: SI-610

Color: Black

Filler: Wood Flour

Moulding Process: Compression

Features: Improved Heat Resistance, Surface Finish and Mould Stability

Powder Properties:

Apparent Density	gm/ml	0.6-0.63
Bulk Factor	----	2.17-2.33
Shrinkage	cm/cm	0.007-0.009
Pelleting	----	Good

Physical Properties:

Impact Strength	Kg-cm	2.0-2.3
Tensile Strength	kg/cm ²	390-460
Cross Breaking strength	kg/ cm ²	600-700
Specific Gravity	----	1.37-1.4

Electrical Properties:

Electrical Strength at 90°C	V/mm	4000-5000
Volume resistivity	log10 ohm-cm	9.3-10.0
Surface resistivity	log10ohm	9.0-10.0

Rate of cure

Min. cure at 160°C	sec/mm	40-50
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