



Polypropylene Compound

1 Grade:-JJ BLEND 2010 PHTN

Product description: - JJBlend 2010 PHTN is 10% talc filled Polypropylene homopolymer compound. This grade is available in Natural, Black and other custom coloured forms.

Application Area: - This grade is applicable for Injection molding (automotive & industrial sector.)

Properties		Test Method	unit	Specs. Value
Physical	Specific Gravity	ASTM D 792	-	0.96-1.00
	MFI	ASTM D 1238	gm/10min	8.0-12.0
	Moisture		%	<0.20
Mechanical	Bulk Density	ASTM D1895B	gm/lit	1000-1100
	Tensile Strength	ASTM D 638	kg/cm ²	300-350
	Elongation at break	ASTM D 638	%	10-12
	Flexural Modulus	ASTM D 790	kg/cm ²	13000-16000
	Izod Impact (notched)	ASTM D 256	kg.cm/cm	2.0-4.0

All the above measurements are made on Injection Moulded sample conditioned at room temperature. The data contained above represent typical values of individual properties.

General processing for Injection molding:-

Injection Pressure	69-120MPA
Processing Temp.	190-230°C
Mould Temp.	32-66°C
Pry drying	2 hrs@ 75°C-100°C

It is highly recommended that this JJBlend should be pre dried in hopper dryer or dehumidifier at 80 degrees C to withdraw possible moisture absorbed by hygroscopic material.

Packing: Standard packing of 25 KG Woven Bags