



Polypropylene Compound

1 Grade:-JJ BLEND 2020 PHTB

Product description: - JJBlend 2020 PHTB is 20% 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	-	1.02-1.04
	MFI	ASTM D 1238	gm/10min	8.0-12.0
	Moisture		%	<0.20
Mechanical	Shrinkage	ASTM D 955	%	1.1-1.4
	Tensile Strength	ASTM D 638	kg/cm ²	220-250
	Elongation at break	ASTM D 638	%	>10
	Flexural Modulus	ASTM D 790	kg/cm ²	17000-23000
	Izod Impact (notched)	ASTM D 256	kg.cm/cm	3.5-5.5
Thermal	HDT@4.60kg/cm ²	ASTM D 648	0C	115-122

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