



## Polyamide-6 Compound

### 1 Grade:-JJ BLEND 3030 N6GFB

**Product description:** - JJBlend 3030 N6GFB is 30% glass filled Black polyamide-6 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	-	1.33-1.38
	Moisture		%	<0.20
Mechanical	Bulk density	ASTM D1895B	gm/lit	1000-1100
	Tensile Strength	ASTM D 638	kg/cm <sup>2</sup>	900-1200
	Elongation at break	ASTM D 638	%	5-10
	Flexural Modulus	ASTM D 790	kg/cm <sup>2</sup>	58000-62000
	Izod Impact (notched)	ASTM D 256	kg.cm/cm	5.0-8.0

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.	210-240 <sup>0</sup> C
Mould Temp.	32-66 <sup>0</sup> C
Pry drying	2 hrs@ 75 <sup>0</sup> c-100 <sup>0</sup> 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