

## Polypropylene filled Compound

**Product Description:**

BCX 4280 is a Polypropylene filled compound with Talcum powder filler. It has good properties such as surface hardness, tensile strength, dimension stability and exhibits superior heat resistance. BCX 4280 can use in electric/electronic appliance, automotive and mechanical industries.

<b>General</b>		
Material Status	Commercial: Active	
Availability	Middle East, Asia	
Additive	Talc, 20% Filler by Weight	
Features	Good Heat Stability .Good UV Resistance .Good Process Ability	
Uses	Automotive .Electronic, Electrical Appliance .Household & Industrial Parts	
Appearance	Black	
Forms	Pellets	
Packaging	25Kg PE Bag	
Processing Method	Injection Molding	
<b>Physical</b>	<b>Nominal Value Unit</b>	<b>Test Method</b>
Density	1.05±0.01 g/cm <sup>3</sup>	ISO 1183
Melt Flow Index(230°C,2.16kg)	7±2 g/10 min	ISO 1183
Filler Content	20-23%	ISO 3451-1
<b>Mechanical</b>	<b>Nominal Value Unit</b>	<b>Test Method</b>
Tensile Strength	24±2 MPa	ISO 527
Tensile Strain(Break)	Min. 30%	ISO 527
Charpy Unnotched Impact Strength (23°C)	No Break	ISO 179
Charpy Notched Impact Strength (23°C)	≥8 KJ/m <sup>2</sup>	ISO 179

**Storage:**

Sacks should be stored in dry/closed condition and protect from sunlight.

**Shelf Life:**

Shelf life at proper storage is at least 18 months from production date, but in case of a long storage time, potential moisture pick-up needs to be eliminated by drying before injection.