

BC3N

Polypropylene (PP)

Description:

BC3N is an Impact Copolymer Polypropylene (ICP PP), with balanced rubber and medium melt flow index for using in injection molding process. The features are suitable flow ability, high impact resistant and stiffness balance. It is suitable for injection molding product.

Typical applications;

Injection molding: furniture, house-ware, containers closure and auto-part

Physical Properties	Method	Unit	Value
Density	ASTM D 792	G/cm ³	0.90
Melt Flow Index (2.16 kg/230°C)	ASTM D1238	g/10min.	9
Tensile Strength at Yield	ASTM D638	MPa	26
Izod Notched Impact Strength (at -20°C)	ASTM D 256	J/m	50
Flexural Modulus (1% SECANT)	ASTM D790	MPa	1200
Heat Distortion Temperature, 0.45 MPa	ASTM D 648	°C	100

Processing Technique

Processing Temperature : 190 - 240 °C

However, the actual processing conditions depend on mold design, power of machine, equipment and other environments.

Remark: The values presented on the above are typical laboratory average, not to be construed as specifications and may vary within moderate ranges. The applicability or the accuracy of this information or the suitability of our products cannot be guaranteed because the conditions of use on the part or our uses are beyond our control.