

BC03B

Polypropylene (PP)

Description:

BC03B is an Impact Copolymer Polypropylene (ICP PP). It is a PP which has high rubber and high melt flow index for using in injection molding process. The features are high flow ability and high impact resistant at low temperature

Typical applications;

Injection Molding: Automotive, appliances, Car pillar & trim, TV back cover

Physical Properties:	Method	Unit	Value
Density	ISO1183	g/cm ³	0.90
Melt Flow Index (2.16 kg/230°C)	ISO1133	g/10min.	30
Tensile Strength at Yield	ISO 527-1	MPa	26
Tensile Strength at Break	ISO 527-1	MPa	20
Elongation at Yield	ISO 527-1	%	5
Elongation at Break	ISO 527-1	%	65
Charpy Notched Impact Strength (at 23°C)	ISO179	kJ/m ²	6.5
Charpy Notched Impact Strength (at -20°C)	ISO179	kJ/m ²	3.5
Flexural Modulus (1% SECANT)	ISO178	MPa	1350
Heat Distortion Temperature @ 4.6 kg	ISO75	°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.