

BC03BS

Polypropylene (PP)

Description:

BC03BS is an Impact Copolymer Polypropylene (ICP PP), which has high rubber content, anti-static additive filled, and high melt flow index for using in injection molding process. It features 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	ASTM D792	g/cm ³	0.90
Melt Flow Index (2.16 kg/230°C)	ASTM D1238	g/10min.	30
Tensile Strength at Yield	ASTM D638	MPa	26
Elongation at Yield	ASTM D638	%	5
Notched Izod Impact Strength (at -20°C)	ASTM D256	J/m	55
Flexural Modulus (1% SECANT)	ASTM D790	MPa	1200
Heat Distortion Temperature @ 4.6 kg	ASTM D648	°C	105

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.