

BC05BSW

Polypropylene (PP)

Description:

BC05BSW is a Impact Copolymer Polypropylene (ICP PP), which has high rubber and ultra-high melt flow index for using in injection molding process. The features are ultra-high flow ability, high stiffness, anti-static, UV stabilized and high impact resistance at low temperature.

Typical applications:

Injection Molding : Automotive parts, Appliances

Physical Properties:	Method	Unit	Value
Density	ASTM D792	g/cm3	0.90
Melt Flow Index (2.16 kg/230°C)	ASTM D1238	g/10min	50
Tensile Strength at Yield	ASTM D638	MPa	25
Elongation at Yield	ASTM D238	%	5
Notched Izod Impact Strength (at -20°C)	ASTM D256	J/m	40
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.