

# BC05B

## Polypropylene (PP)

### Description:

BC05B is a Impact Copolymer Polypropylene (ICP PP). It is a 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 and high impact resistance at low temperature.

### Typical applications;

Injection Molding : Automotive parts, Appliances

Physical Properties:	Method	Unit	Value
Density	ISO1183	g/cm <sup>3</sup>	0.90
Melt Flow Index (2.16 kg/230°C)	ISO1133	g/10min.	50
Tensile Strength at Yield	ISO 527-1	MPa	26
Charpy Notched Impact Strength (at 23°C)	ISO179	kJ/m <sup>2</sup>	5.5
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.