

TECHNICAL DATA SHEET

B200

Polypropylene Random Copolymer

Characteristics

B200 is a **Polypropylene Random Copolymer**, produced by the latest generation **Spheripol II Technology**. This is primarily suitable for **Blow Molding & Extrusion** process.

B200 combines **exceptional processability with excellent Product Strength, Clarity and Gloss**.

Application

- General purposes Blow Molded & Thermoformed Items
- Sheets for Files & Folders

Property	Test Method	Unit	Value
Melt Flow Index (2.16 kg & 230 ^o C)	ASTM D 1238	g/10 min	1.9
Density at 23°C	ASTM D 1505	g/cm ³	0.90
Tensile Strength at Yield (50 mm/min)	ASTM D 638 (Type I, with Extensometer)	MPa	26
Tensile Elongation at Yield (50 mm/min)		%	11
Flexural Modulus	ASTM D 790A	MPa	850
Notched Izod Impact Strength (23°C)	ASTM D 256A	J/m	80
Vicat Softening Point (10N)	ASTM D 1525	^o C	130
Heat Deflection Temperature (0.455 MPa)	ASTM D 648	^o C	68

Typical Processing Temperature

Barrel Temperature	^o C	160 - 210
Die Temperature	^o C	180 - 210

Mechanical properties are tested on Injection Molded Test Specimens prepared as per ASTM D 4101

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Compliance Certificates & MSDS are available on request.

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