



# Halene – P

## TECHNICAL DATA SHEET

**B200**

**Polypropylene Random Copolymer**

### Characteristics

**B200** is a **Polypropylene Random Copolymer**, produced by the latest generation **Spheripol 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 <sup>0</sup> C)	ASTM D 1238	g/10 min	1.9
Density at 23°C	ASTM D 1505	g/cm <sup>3</sup>	0.90
Tensile Strength at Yield	ASTM D 638 (Type I - with Extensometer)	MPa	26
Tensile Elongation at Yield		%	11
Flexural Modulus	ASTM D 790	MPa	850
Izod Impact Strength ( Notch, 23°C)	ASTM D 256	J/m	100
Vicat Softening Point (10N)	ASTM D 1525	<sup>0</sup> C	130
Heat Deflection Temperature (0.46 N/m <sup>2</sup> )	ASTM D 648	<sup>0</sup> C	68

### Typical Processing Temperature

Barrel Temperature	<sup>0</sup> C	160 - 210
Die Temperature	<sup>0</sup> C	180 - 210

*Mechanical properties tested on Injection Molded Test Specimens (Type I)*

*The above typical properties are not to be construed as Specifications and may change without any prior notice. The User will solely be responsible for any intended process / product usage and HPL does not guarantee or undertake any responsibility for any consequential damage or loss based on the information given above.*