HALDIA PETROCHEMICALS LTD

Halene – P

TECHNICAL DATASHEET	B202S	Polypropylene Random Copolymer

Characteristics

B202S is a **Polypropylene Random Copolymer**, produced by the latest generation **Spheripol II Technology**. This is primarily suitable for **Blow Molding & Extrusion** process.
B202S combines **exceptional processability with excellent Melt Strength, High Clarity and Gloss. Product produced from B 202S is suitable for Food Contact and for packaging / bottling Medical Fluids like IV fluid etc.**

Application

- Bottles & Containers for Medical Application & Transparent Products (e.g. IV Fluid Bottles) etc.

Property	Test Method	Unit	Value
Melt Flow Index (2.16 kg & 230^0 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	27
Tensile Elongation at Yield (50 mm/min)		%	12
Flexural Modulus	ASTM D 790A	MPa	900
Notched Izod Impact Strength (23°C)	ASTM D 256A	J/m	90
Vicat Softening Point (10N)	ASTM D 1525	^{0}C	130
Heat Deflection Temperature (0.455 MPa)	ASTM D 648	^{0}C	68

Typical Processing Temperature		
Barrel Temperature	^{0}C	160 - 210
Die Temperature	^{0}C	190 - 210

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

Compliance Certificates & MSDS are available on request.

Visit us at www.haldiapetrochemicals.com