

Halene P B200

Polypropylene Random Copolymer
Haldia Petrochemicals Ltd.

Message:

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.

General Information			
Features	Good Processability		
	Good Strength		
	High Clarity		
	High Gloss		
	Random Copolymer		
Uses	Blow Molding Applications		
	Sheet		
	Stationary Supplies		
Forms	Pellets		
Processing Method	Blow Molding		
	Extrusion		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Density ¹	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.9	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, Injection Molded)	26.0	MPa	ASTM D638
Tensile Elongation (Yield, Injection Molded)	11	%	ASTM D638
Flexural Modulus (Injection Molded)	850	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	80	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	68.0	°C	ASTM D648
Vicat Softening Temperature	130	°C	ASTM D1525 ²
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	160 to 210	°C	
Cylinder Zone 2 Temp.	160 to 210	°C	

Cylinder Zone 3 Temp.	160 to 210	°C
Cylinder Zone 4 Temp.	160 to 210	°C
Cylinder Zone 5 Temp.	160 to 210	°C
Die Temperature	180 to 210	°C

NOTE

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| 1. | 23°C |
| 2. | Loading 1 (10 N) |

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