

HIPOL™ B200

Polypropylene Homopolymer

Mitsui Chemicals, Inc.

Message:

HIPOL™ B200 is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in Asia Pacific for blow molding.

Important attributes of HIPOL™ B200 are:

Heat Resistant

Homopolymer

Rigid

Typical applications include:

Containers

Engineering/Industrial Parts

Sheet

General Information			
Features	High Heat Resistance		
	High Rigidity		
	Homopolymer		
Uses	Containers		
	Industrial Parts		
	Sheet		
Forms	Pellets		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.50	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	37.3	MPa	
Break	34.3	MPa	
Tensile Elongation (Break)	500	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
0°C	39	J/m	
23°C	69	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	115	°C	
1.8 MPa, Unannealed	65.0	°C	
Vicat Softening Temperature	155	°C	ASTM D1525

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