

# Halene P B202S

Polypropylene Random Copolymer

Haldia Petrochemicals Ltd.

## Message:

B202S is a Polypropylene Random Copolymer, produced by the latest generation Spheripol II Technology. This is primarily suitable for Blow Molding & Extrusion process. B 202S 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.

General Information			
Features	Food Contact Acceptable		
	Good Melt Strength		
	Good Processability		
	High Clarity		
	High Gloss		
	Random Copolymer		
Uses	Blow Molding Applications		
	Bottles		
	Containers		
	Medical/Healthcare Applications		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Blow Molding		
	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density <sup>1</sup>	0.900	g/cm <sup>3</sup>	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)	27.0	MPa	ASTM D638
Tensile Elongation (Yield, Injection Molded)	12	%	ASTM D638
Flexural Modulus (Injection Molded)	900	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	90	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 <sup>2</sup>


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	190 to 210	°C
NOTE		
1.	23°C	
2.	Loading 1 (10 N)	

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## Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519  
 Phone: +86 13424755533  
 Email: sales@su-jiao.com  
 No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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