

Braskem PP H 107

Polypropylene Homopolymer

Braskem

Message:

Description:
H 107 is a ultra-high melt flow rate homopolymer with general purpose additive package. Designed for extrusion coating. This product exhibits excellent processability, good melt stability and good transparency and gloss

Applications:
Injection of thin wall pieces; Compounds; Waterproofing of raffia bags or big-bag.

General Information			
Features	General Purpose		
	Good Processability		
	High Flow		
	High Gloss		
	High Melt Stability		
	Homopolymer		
	Non-Toxic		
Uses	Bags		
	Coating Applications		
	Packaging		
Agency Ratings	FDA 21 CFR 177.1520		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Coating		
	Extrusion Coating		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.905	g/cm ³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	80	g/10 min	ASTM D1238, ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness			
R-Scale, Injection Molded	103		ASTM D785
R-Scale	103		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, Injection Molded)	37.0	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Yield, Injection Molded)	10	%	ASTM D638, ISO 527-2

Flexural Modulus - 1% Secant			
Injection Molded	1300	MPa	ASTM D790
Injection Molded	1650	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			
23°C, Injection Molded	20	J/m	ASTM D256
23°C, Injection Molded	1.3	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed, Injection Molded	93.0	°C	ASTM D648
0.45 MPa, Unannealed	93.0	°C	ISO 75-2/B
1.8 MPa, Unannealed, Injection Molded	57.0	°C	ASTM D648
1.8 MPa, Unannealed	57.0	°C	ISO 75-2/A
Vicat Softening Temperature	153	°C	ISO 306/A, ASTM D1525 ¹
NOTE			
1.	Loading 1 (10 N)		

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