

Braskem PP PH 0130

Polypropylene Homopolymer

Braskem

Message:

PH 0130 is a low melt flow rate additivated homopolymer used for general purposes. This resin is designed for blow moulding and extrusion. PH 0130 features excellent processability and stiffness/impact strength balance.

Applications:

Bottles for mineral water, juices, cosmetics and general uses; Ropes; flat and corrugated sheets, profiles, tear tape, tapes in general

General Information			
Features	Food Contact Acceptable		
	Good Impact Resistance		
	Good Processability		
	Good Stiffness		
	Homopolymer		
	Low Flow		
Uses	Bottles		
	Corrugated Sheet		
	Cosmetics		
	General Purpose		
	Profiles		
	Rope		
	Sheet		
	Tape		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Processing Method	Blow Molding		
	Extrusion		
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)	1.2	g/10 min	ASTM D1238, ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness			
R-Scale, Injection Molded	98		ASTM D785
R-Scale	98		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, Injection Molded)	36.0	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	1350	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			
23°C, Injection Molded	45	J/m	ASTM D256
23°C, Injection Molded	4.7	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, Unannealed, Injection Molded	92.0	°C	ASTM D648
0.45 MPa, Unannealed	92.0	°C	ISO 75-2/B
Vicat Softening Temperature	156	°C	ISO 306/A, ASTM D1525 ¹
NOTE			

1. Loading 1 (10 N)

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