

Braskem PH 0130 HOMO Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Blow Molding Grade

Material Notes:

PH 0130 is a low melt flow rate homopolymer with a general purpose additive package. This resin is designed for blow molding and extrusion. PH 0130 features excellent processability and stiffness/impact strength balance. Its applications include: bottles for mineral water, drinks, and cosmetics; general use; ropes; flat and corrugated sheets; profiles; tear tape; and tapes in general.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Braskem-PH-0130-HOMO-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Density	0.905 g/cc	0.0327 lb/in ³	ASTM-D792
Melt Flow	1.2 g/10 min @Load 2.16 kg, Temperature 230 °C	1.2 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM-D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	98	98	ASTM-D785
Tensile Strength, Yield	36.0 MPa	5220 psi	ASTM-D638
Elongation at Yield	10 %	10 %	ASTM-D638
Flexural Modulus, 1% Secant	1300 MPa	189000 psi	ASTM-D790
Izod Impact, Notched	0.430 J/cm	0.806 ft-lb/in	ASTM-D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	92.0 °C	198 °F	ASTM-D648
Vicat Softening Point	156 °C @Load 1.02 kg	313 °F @Load 2.25 lb	ASTM-D1525

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