

Braskem PH 3515 HOMO Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

Material Notes:

PH 3515 is a high melt flow rate homopolymer designed for injection molding. It is suitable for thin-walled injection molding parts. Its applications include: toys, caps and lids in general, household appliances, thin-walled parts, and easy mold filling.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Braskem-PH-3515-HOMO-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Density	0.905 g/cc	0.0327 lb/in ³	ASTM-D792
Melt Flow	44 g/10 min @Load 2.16 kg, Temperature 230 °C	44 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM-D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	106	106	ASTM-D785
Tensile Strength, Yield	38.0 MPa	5510 psi	ASTM-D638
Elongation at Yield	8.0 %	8.0 %	ASTM-D638
Flexural Modulus, 1% Secant	1700 MPa	247000 psi	ASTM-D790
Izod Impact, Notched	0.290 J/cm	0.543 ft-lb/in	ASTM-D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	119 °C	246 °F	ASTM-D648
Vicat Softening Point	152 °C @Load 1.02 kg	306 °F @Load 2.25 lb	ASTM-D1525

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