

Braskem TI4350P Impact Copolymer Polypropylene

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

Material Notes:

Description: Good balance of stiffness and impact strength, excellent organoleptic properties. Applications: Suggested uses include compounding, thin-walled injection molding. Process: Injection Molding. This resin meets the requirements for olefin polymers as defined in 21 CFR, section 177.1520 issued by the Food and Drug Administration. The additives present are covered in appropriate regulation by FDA. Information provided by Braskem

Order this product through the following link:

http://www.lookpolymers.com/polymer_Braskem-TI4350P-Impact-Copolymer-Polypropylene.php

Physical Properties	Metric	English	Comments
Melt Flow	35 g/10 min @Load 2.16 kg, Temperature 230 °C	35 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	85	85	ASTM D785
Tensile Strength	27.6 MPa	4000 psi	2 in/min; ASTM D638
Elongation at Yield	5.0 %	5.0 %	2 in/min; ASTM D638
Flexural Modulus	1.38 GPa	200 ksi	0.05 in/min, 1% secant; ASTM D-790A
Izod Impact, Notched	0.747 J/cm	1.40 ft-lb/in	ASTM D256A

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