

Braskem TI4700P2 Impact Copolymer Polypropylene

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

Material Notes:

Description: Very high flexural modulus.Applications: Suggested uses include compounding, automotive interior trim, intricately designed parts, thinwalled parts, dairy containers, building and construction.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-TI4700P2-Impact-Copolymer-Polypropylene.php

Physical Properties	Metric	English	Comments
Melt Flow	70 g/10 min @Load 2.16 kg, Temperature 230 °C	70 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength	26.9 MPa	3900 psi	2 in/min; ASTM D638
Elongation at Yield	5.0 %	5.0 %	2 in/min; ASTM D638
Flexural Modulus	1.31 GPa	190 ksi	0.05 in/min, 1% secant; ASTM D-790A
Izod Impact, Notched	0.641 J/cm	1.20 ft-lb/in	ASTM D256A

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