

Braskem TI4007G Impact Copolymer Polypropylene

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

Material Notes:

Description: Extra high izod impact, superior low temperature drop impact. Applications: Suggested uses include profiles, tubing, squeeze bottles. UL temperature index of 100°C. 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-TI4007G-Impact-Copolymer-Polypropylene.php

Physical Properties	Metric	English	Comments
Melt Flow	0.70 g/10 min @Load 2.16 kg, Temperature 230 °C	0.70 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	78	78	ASTM D785
Tensile Strength	29.0 MPa	4200 psi	2 in/min; ASTM D638
Elongation at Yield	12.5 %	12.5 %	2 in/min; ASTM D638
Flexural Modulus	1.21 GPa	175 ksi	0.05 in/min, 1% secant; ASTM D-790A
Izod Impact, Notched	NB	NB	ASTM D256A
Impact Test	29.8 J @Temperature -29.0 °C	22.0 ft-lb @Temperature -20.2 °F	ASTM D3763

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