

Braskem TI4130G Impact Copolymer Polypropylene

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

Material Notes:

Description: Medium izod impact, good blush resistance, good low temperature drop impact. Applications: Suggested uses include furniture, housewares, automotive interior trim. 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-TI4130G-Impact-Copolymer-Polypropylene.php

Physical Properties	Metric	English	Comments
Melt Flow	13 g/10 min @Load 2.16 kg, Temperature 230 °C	13 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	80	80	ASTM D785
Tensile Strength	24.8 MPa	3600 psi	2 in/min; ASTM D638
Elongation at Yield	8.5 %	8.5 %	2 in/min; ASTM D638
Flexural Modulus	1.10 GPa	160 ksi	0.05 in/min, 1% secant; ASTM D-790A
Izod Impact, Notched	1.33 J/cm	2.50 ft-lb/in	ASTM D256A
Impact Test	48.8 J	36.0 ft-lb	ASTM D3763

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