

Braskem TI4040WT Impact Copolymer Polypropylene

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

Material Notes:

Description: Superior drop impact at refrigeration temperature, very high flexural modulus, nucleated, good mold release. Applications: Suggested uses include thermoforming, food packaging, dairy containers. 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-TI4040WT-Impact-Copolymer-Polypropylene.php

Physical Properties	Metric	English	Comments
Melt Flow	4.0 g/10 min @Load 2.16 kg, Temperature 230 °C	4.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength	30.3 MPa	4400 psi	2 in/min; ASTM D638
Elongation at Yield	8.0 %	8.0 %	2 in/min; ASTM D638
Flexural Modulus	1.41 GPa	205 ksi	0.05 in/min, 1% secant; ASTM D-790A
Izod Impact, Notched	1.87 J/cm	3.50 ft-lb/in	ASTM D256A
Impact Test	46.1 J @Temperature 4.00 °C	34.0 ft-lb @Temperature 39.2 °F	ASTM D3763

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