

Braskem TI4020N Impact Copolymer Polypropylene

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

Material Notes:

Description: Extra High Izod Impact, Very Good Low Temperature Drop Impact, Good Organoleptic Properties, Nucleated Applications:

Suggested Uses Include Thermoforming, Food Packaging, Dairy Containers This resin meets the requirements for olefin polymers as defined in 21 CFR, section 177.1520 issued by FDA – Food and Drugs 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-TI4020N-Impact-Copolymer-Polypropylene.php

Physical Properties	Metric	English	Comments
Melt Flow	2.0 g/10 min @Load 2.16 kg, Temperature 230 °C	2.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	82	82	ASTM D785
Tensile Strength	27.6 MPa	4000 psi	2 in/min; ASTM D638
Elongation at Yield	8.5 %	8.5 %	2 in/min; ASTM D638
Flexural Modulus	1.24 GPa	180 ksi	0.05 in/min, 1% secant; ASTM D-790A
Izod Impact, Notched	NB	NB	ASTM D256A
Impact Test	50.2 J @Temperature -29.0 °C	37.0 ft-lb @Temperature -20.2 °F	ASTM D3763

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