

Braskem TI6350WV High Impact Copolymer Polypropylene

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

Material Notes:

Description: Superior low temperature impact, nucleated, antistatic. Applications: Suggested uses include furniture, toys, compounding. 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-TI6350WV-High-Impact-Copolymer-Polypropylene.php

Physical Properties	Metric	English	Comments
Melt Flow	35 g/10 min @Load 2.16 kg, Temperature 230 °C	35 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength	19.3 MPa	2800 psi	2 in/min; ASTM D638
Elongation at Yield	5.5 %	5.5 %	2 in/min; ASTM D638
Flexural Modulus	0.931 GPa	135 ksi	0.05 in/min, 1% secant; ASTM D-790A
Izod Impact, Notched	2.24 J/cm	4.20 ft-lb/in	ASTM D256A
Impact Test	40.7 J @Temperature -29.0 °C	30.0 ft-lb @Temperature -20.2 °F	ASTM D3763

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