

Braskem TI2350C High Crystallinity Copolymer Polypropylene

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

Material Notes:

Description: Highly crystalline homopolymer phase, very high molecular weight ERP phase, very high flexural modulus, reduced emissions, reduced gels. Applications: Suggested uses include compounding. Process: Compounding 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-TI2350C-High-Crystallinity-Copolymer-Polypropylene.php

| Physical Properties | Metric | English | Comments |
|---------------------|---|---|------------|
| Melt Flow | 40 g/10 min @Load 2.16 kg, Temperature 230 °C | 40 g/10 min @Load 4.76 lb, Temperature 446 °F | ASTM D1238 |

| Mechanical Properties | Metric | English | Comments |
|-----------------------|------------|---------------|-------------------------------------|
| Tensile Strength | 31.7 MPa | 4600 psi | 2 in/min; ASTM D638 |
| Elongation at Yield | 6.0 % | 6.0 % | 2 in/min; ASTM D638 |
| Flexural Modulus | 1.59 GPa | 230 ksi | 0.05 in/min, 1% secant; ASTM D-790A |
| Izod Impact, Notched | 0.534 J/cm | 1.00 ft-lb/in | ASTM D256A |

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