

Braskem TI41000WM Impact Copolymer Polypropylene

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

Material Notes:

Description: High flexural modulus, excellent mold release, antistatic. Applications: Suggested uses include intricately designed parts, thin-walled parts, 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-TI41000WM-Impact-Copolymer-Polypropylene.php

| Physical Properties | Metric | English | Comments |
|---------------------|--|--|------------|
| Melt Flow | 100 g/10 min @Load 2.16 kg, Temperature 230 °C | 100 g/10 min @Load 4.76 lb, Temperature 446 °F | ASTM D1238 |

| Mechanical Properties | Metric | English | Comments |
|-----------------------|------------|---------------|-------------------------------------|
| Hardness, Rockwell R | 85 | 85 | ASTM D785 |
| Tensile Strength | 25.5 MPa | 3700 psi | 2 in/min; ASTM D638 |
| Elongation at Yield | 5.0 % | 5.0 % | 2 in/min; ASTM D638 |
| Flexural Modulus | 1.31 GPa | 190 ksi | 0.05 in/min, 1% secant; ASTM D-790A |
| Izod Impact, Notched | 0.587 J/cm | 1.10 ft-lb/in | ASTM D256A |

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