

Braskem TR3020NT Random Copolymer Polypropylene

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

Material Notes:

Description: High flexural modulus, very good mold release. Applications: Suggested uses include extrusion, compression molding, thermoforming. Process: Compression Molding. 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-TR3020NT-Random-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 |
|-----------------------|------------|---------------|-------------------------------------|
| Tensile Strength | 31.7 MPa | 4600 psi | 2 in/min; ASTM D638 |
| Elongation at Yield | 12 % | 12 % | 2 in/min; ASTM D638 |
| Flexural Modulus | 1.17 GPa | 170 ksi | 0.05 in/min, 1% secant; ASTM D-790A |
| Izod Impact, Notched | 0.961 J/cm | 1.80 ft-lb/in | ASTM D256A |

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