

Braskem TR3020UC Random Copolymer Polypropylene

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

Material Notes:

Description: Maximum see-through clarity, minimal haze; superior color stability, process stability and gloss. Applications: Suggested uses include extrusion, blow molding, thermoforming, food containers, packaging. Ultraclear (TM) polypropylene resin offers great clarity and performance, up to 50% improvement in haze over standard clarified products. It offers substitution opportunities versus more expensive resins such as PET, PVC, PC or PS. Process: Blow 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-TR3020UC-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	30.3 MPa	4400 psi	2 in/min; ASTM D638
Elongation at Yield	13 %	13 %	2 in/min; ASTM D638
Flexural Modulus	1.07 GPa	155 ksi	0.05 in/min, 1% secant; ASTM D-790A
Izod Impact, Notched	1.33 J/cm	2.50 ft-lb/in	ASTM D256A

Optical Properties	Metric	English	Comments
Haze	5.0 %	5.0 %	50 mil Disc; ASTM D1003

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