

## Ineos R12C-00 Polypropylene Random Copolymer

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

### Material Notes:

Grade R12C-00 is a high clarity, medium flow rate random copolymer with low antistat for injection molding and stretch blow molding applications. This material meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR

177.1520.ApplicationsConsumer products Housewares Medical Thin wall rigid packagingBenefitsExcellent clarity Rapid cycle times Good molding performance in thin-wall parts Good impact performance at room and refrigerator temperatures Low taste and odor Low blooming

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ineos-R12C-00-Polypropylene-Random-Copolymer.php](http://www.lookpolymers.com/polymer_ineos-R12C-00-Polypropylene-Random-Copolymer.php)

Physical Properties	Metric	English	Comments
Melt Flow	12 g/10 min @Load 2.16 kg, Temperature 230 Å°C	12 g/10 min @Load 4.76 lb, Temperature 446 Å°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	31.7 MPa	4600 psi	ASTM D638
Flexural Modulus	1.38 GPa	200 ksi	ASTM D790B
Izod Impact, Notched	1.01 J/cm @Diameter 3.17 mm	1.90 ft-lb/in @Diameter 0.125 in	bar; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	90.6 Å°C	195 Å°F	ASTM D648

Optical Properties	Metric	English	Comments
Haze	11 % @Thickness 1.27 mm	11 % @Thickness 0.0500 in	plaque; ASTM D1003

Descriptive Properties	Value	Comments
Process	Blow Molding	
	Injection Molding	
Region	Mexico	Bamberger Polymers Distribution
	US & Canada	Bamberger Polymers Distribution

## **Contact Songhan Plastic Technology Co.,Ltd.**

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