

Ineos R12C-01 Polypropylene Random Copolymer

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

Material Notes:

Grade R12C-01 is a high clarity, antistatic polypropylene copolymer 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. Applications Consumer products Housewares Medical Rigid packaging Benefits Ultra high clarity Excellent processability Good impact resistance at room and refrigerator temperatures Low taste and odor Excellent static control Microwavable

Order this product through the following link:

http://www.lookpolymers.com/polymer_ineos-R12C-01-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.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China