

Ineos R35C-01 Polypropylene Random Copolymer

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

Material Notes:

Grade R35C-01 is a high clarity random copolymer with a high flow rate. This material is designed for high speed injection molding and meets the requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520. Applications Consumer products Housewares Medical Thin-wall rigid packaging Benefits Excellent clarity High flow rate Rapid cycle times Good molding performance in thin-wall parts Good impact resistance at room and refrigerator temperatures

Order this product through the following link:

http://www.lookpolymers.com/polymer_ineos-R35C-01-Polypropylene-Random-Copolymer.php

Physical Properties	Metric	English	Comments
Melt Flow	35 g/10 min @Load 2.16 kg, Temperature 230 Å°C	35 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	1.31 GPa	190 ksi	ASTM D790B
Izod Impact, Notched	0.481 J/cm @Diameter 3.17 mm	0.900 ft-lb/in @Diameter 0.125 in	bar; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	87.8 Å°C	190 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	Injection Molding	
Region	Mexico	Bamberger Polymers Distribution
	US & Canada	Bamberger Polymers Distribution

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