

Formosa Plastics Formolene® 3335N Random Copolymer Polypropylene

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

Material Notes:

Random Copolymer for Containers, Totes and Bins, and Closures Formolene® 3335N is a high melt flow random copolymer with fast cycle time and easy mold release. It is designed for thin walled, injection molded applications. Its stiffness makes it a good choice for applications requiring greater flex modulus than conventional random copolymer Formolene® 3335N meets all requirements of the U. S. Food and Drug Administration as specified in 21 CFR 177.1520, covering safe use of polyolefin articles and components of articles intended for direct food contact. Specimens were injection molded according to the conditions specified in ASTM D4101 Information provided by Formosa Plastics Corporation, USA

Order this product through the following link:

http://www.lookpolymers.com/polymer_Formosa-Plastics-Formolene-3335N-Random-Copolymer-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D1505
Melt Flow	35 g/10 min @Temperature 230 °C	35 g/10 min @Temperature 446 °F	I₂; ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	100	100	ASTM D785
Tensile Strength, Yield	30.3 MPa	4400 psi	2" (50mm) per min; ASTM D638
Elongation at Yield	12 %	12 %	2" (50mm) per min; ASTM D638
Flexural Modulus	1.03 GPa	150 ksi	1.3mm per min, 1% secant; ASTM D790
Izod Impact, Notched	0.427 J/cm @Temperature 23.0 °C	0.800 ft-lb/in @Temperature 73.4 °F	ASTM D256

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