

Formosa Plastics Formolene® 3302B Random Copolymer Polypropylene

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

Material Notes:

Random Copolymer for Extrusion and Thermoforming Applications Formolene® 3302B is a low melt flow random with excellent clarity, fast cycle time and easy mold release, designed for extrusion processing and thermoforming. It contains a unique combination of stabilizers and additives, which provides excellent processability and good end use performance. Formolene® 3302B 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-3302B-Random-Copolymer-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D1505
Melt Flow	2.3 g/10 min @Temperature 230 °C	2.3 g/10 min @Temperature 446 °F	I ₂ ; ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	29.0 MPa	4200 psi	2" (50mm) per min; ASTM D638
Elongation at Yield	13 %	13 %	2" (50mm) per min; ASTM D638
Flexural Modulus	1.03 GPa	150 ksi	1.3mm per min, 1% secant; ASTM D790
Izod Impact, Notched	2.67 J/cm @Temperature 23.0 °C	5.00 ft-lb/in @Temperature 73.4 °F	ASTM D256A

Optical Properties	Metric	English	Comments
Haze	12 %	12 %	Plaque; FPC method

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