Formosa Plastics®

Polypropylene

Formolene® 2325N

Impact Copolymer for Injection Molding Applications Requiring Stiffness

Formolene® 2325N is a high flexural modulus copolymer of polypropylene designed and formulated for injection-molded applications. It contains a unique combination of stabilizers, nucleators and antistat that provides an excellent balance of stiffness and impact strength.

Formolene® 2325N meets the 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. For additional information on approved conditions of use for food contact applications, please refer to the "Products" section on our web site (http://www.fpcusa.com/ourproducts.html).

This material is free of animal-derived content.

Typical Properties of this Commercial Grade

Property	Test Method	Typical Values	
		English	SI
Melt Flow Rate, I_2 @ 230°C	ASTM D1238	25 g/ 10min	25 g/10min
Density	ASTM D1505	0.9 g/cm3	0.9 g/cm3
Tensile Strength at Yield (50 mm/min)	ASTM D638	4200 psi	30.0 MPa
Elongation at Yield (50 mm/min)	ASTM D638	5 %	5 %
Flexural Modulus (1.3 mm/min), 1% Secant	ASTM D790	210,000 psi	1500 MPa
Notched Izod Impact Strength @ 73°F	ASTM D256A	1.2 ft-lb/in	64 J/m
Notched Izod Impact Strength @ 32°F	ASTM D256A	0.8 ft-lb/in	43 J/m
Rockwell Hardness	ASTM D785	99 R Scale	99 R Scale
Heat Deflection Temperature @ 66 psi	ASTM D648	239 °F	115 °C

Note: Specimens were injection molded according to the conditions specified in ASTM D4101. Data for representative purposes only; not to be construed as product specification. Published 1/07, Revised 11/20

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