Formosa Plastics®

Formolene® PP

Formolene® 2315N

Impact Copolymer for Injection Molding Applications Requiring Stiffness

Formolene® 2315N 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® 2315N 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	15 g/10 min	15 g/10 min
Density	ASTM D1505	0.9 g/cm^3	0.9 g/cm^3
Tensile Strength at Yield (50 mm/min)	ASTM D638	4,100 psi	28 MPa
Elongation at Yield (50 mm/min)	ASTM D638	6 %	6 %
Flexural Modulus (1.3 mm/min), 1% Secant	ASTM D790	200,000 psi	1379 MPa
Notched Izod Impact Strength @ 73°F	ASTM D256A	1.6 ft-lb/in	85 J/m
Notched Izod Impact Strength @ 32°F	ASTM D256A	1.2 ft-lb/in	64 J/m
Rockwell Hardness	ASTM D785	95 R Scale	95 R Scale
Heat Deflection Temperature @ 66 psi	ASTM D648	230 °F	110 °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 1/03, Revised 10/26

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