Manufacturer website: https://www.fpcusa.com/

Formosa Plastics®

Formolene® 6375N

Impact Copolymer for High Speed Injection Molded Applications

Formolene® 6375N is a very high melt flow, low impact copolymer of polypropylene. It is designed for such applications as packaging, housewares, and consumer goods and generally lighter weight components. It is characterized by easy mold flow, excellent physical property balance and finished product dimensional stability.

Formolene® 6375N 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	75 g/10 min	75 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	4,200 psi	29 MPa
Flexural Modulus (1.3 mm/min), 1% Secant	ASTM D790	200,000 psi	1379 MPa
Notched Izod Impact Strength @ 73°F	ASTM D256A	1.5 ft-lb/in	80 J/m
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 1/10, Revised 3/18

Any inquiries regarding this data sheet should be addressed to: 9 Peach Tree Hill Road • Livingston, NJ 07039 • Phone: (888) FPCUSA3 • Fax: (973) 422-7772

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