Formosa Plastics®

Formolene® PP

Formolene® 2730N

Impact Copolymer for Injection Molding Applications

Formolene® 2730N is a high impact copolymer of polypropylene designed and formulated for injection-molded applications. It contains a unique combination of stabilizers and nucleators which provides an excellent balance of stiffness and cold temperature impact.

Its range of physical and thermodynamic properties makes it an ideal choice for critical applications in the areas of automotive, appliances and lawn & garden.

Formolene® 2730N 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 website (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	30 g/10 min	28.5 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	2,570 psi	18 MPa
Elongation at Yield (50 mm/min)	ASTM D638	5 %	5 %
Flexural Modulus (1.3 mm/min), 1% Secant	ASTM D790	130,000 psi	896 MPa
Notched Izod Impact Strength @ 73°F	ASTM D256A	11 ft-lb/in	587 J/m
Notched Izod Impact Strength @ -18°F	ASTM D256A	2.3 ft-lb/in	123 J/m
Heat Deflection Temperature @ 66 psi	ASTM D648	198 °F	92 °C

Notes: 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 11/1, Revised 3/18

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