Formosa Plastics®

Formolene® PP

Formolene® 2610A

Impact Copolymer for Compounding and Injection Molded Applications

Formolene® 2610A is a high impact copolymer of polypropylene designed for such applications as Automotive Compounds and injection molding of Lawn & Garden products and Appliances. It is characterized by its easy mold flow, excellent physical property balance of stiffness and impact at room temperature and sub ambient conditions as well as finished product dimensional stability.

Formolene® 2610A 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	10 g/10 min	10 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	2,950 psi	20 MPa
Elongation at Yield (50 mm/min)	ASTM D638	6 %	6 %
Flexural Modulus (1.3 mm/min), 1% Secant	ASTM D790	140,000 psi	965 MPa
Notched Izod Impact Strength @ 73°F	ASTM D256A	11 ft-lb/in	587 J/m
Notched Izod Impact Strength @ 0°F	ASTM D256A	1.9 ft-lb/in	101 J/m
Notched Izod Impact Strength @ -22°F	ASTM D256A	1.7 ft-lb/in	91 J/m
Rockwell Hardness	ASTM D785	95 R Scale	95 R Scale
Heat Deflection Temperature @ 66 psi	ASTM D648	187 °F	86 °C
Heat Deflection Temperature @ 264 psi	ASTM D648	122 °F	50 °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 3/99, Revised 3/10

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