Formosa Plastics®

Formolene® PP

Formolene® 2620A

Impact Copolymer for Compounding and Injection Molded Applications

Formolene® 2620A is a high impact copolymer of polypropylene designed for applications such as automotive compounds and 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.

Material has been approved under automotive specification - FCA MS-DB-500 CPN 4919.

Formolene® 2620A 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	20 g/10min	20 g/10 min
Density	ASTM D1505	0.9 g/cm3	0.9 g/cm³
Tensile Strength at Yield (50 mm/min)	ASTM D638	2,800 psi	19 MPa
Elongation at Yield (50 mm/min)	ASTM D638	7 %	7 %
Flexural Modulus (1.3 mm/min), 1% Secant	ASTM D790	130,000 psi	896 MPa
Notched Izod Impact Strength @ 73°F	ASTM D256A	No break	No break
Notched Izod Impact Strength @ 32°F	ASTM D256A	2.0 ft-lb/in	107 J/m
Notched Izod Impact Strength @ 0°F	ASTM D256A	1.8 ft-lb/in	96 J/m
Notched Izod Impact Strength @ -22°F	ASTM D256A	1.6 ft-lb/in	85 J/m
Rockwell Hardness	ASTM D785	85 R Scale	85 R Scale
Heat Deflection Temperature @ 66 psi	ASTM D648	185 °F	85 °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 4/03, Revised 04/25

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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