Formosa Plastics®

Formolene® PP

Formolene® 6335N

Impact Copolymer - Designed to Meet the Physical Requirements of Automotive Interior Trim

Formolene® 6335N is an engineered, medium impact copolymer polypropylene. It was specifically developed to meet the OEM demands for automotive interior trim applications, with proven injection molding economy. The optimal stiffness and impact balance also provides for utility in industrial applications including bins and crates, and small appliances.

Formolene® 6335N 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	35	g/10 min	35	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	4,300	psi	30	MPa
Elongation at Yield (50 mm/min)	ASTM D638	5	%	5	%
Flexural Modulus (1.3 mm/min), 1% Sec.	ASTM D790	210,000	psi	1448	MPa
Notched Izod Impact Strength @ 73° F	ASTM D256A	1.2	ft-lb/in	64	J/m
Notched Izod Impact Strength @ 0° F	ASTM D256A	0.7	ft-lb/in	37	J/m
Notched Izod Impact Strength @ -22° psi	ASTM D256A	0.6	ft-lb/in	32	J/m
Heat Deflection Temperature @ 66° psi	ASTM D648	230	°F	110	°C

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 05/23

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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