Formosa Plastics®

Polypropylene

Formolene® 6620A

High Impact Copolymer for Injection Molding

Formolene® 6620A is a copolymer of polypropylene designed and formulated for injection molding applications including pails, crates and furniture. It contains a unique combination of stabilizers for good processing and long term, end use performance. It has an excellent balance of stiffness and impact strength necessary for demanding applications.

Formolene® 6620A 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/10 min	20 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	3,100 psi	21 MPa
Elongation at Yield (50 mm/min)	ASTM D638	7.5 %	7.5 %
Flexural Modulus (1.3 mm/min), 1% Secant	ASTM D790	140,000 psi	965 MPa
Notched Izod Impact Strength @ 73°F	ASTM D256A	10 ft-lb/in	534 J/m
Notched Izod Impact Strength @ 0°F	ASTM D256A	1.1 ft-lb/in	59 J/m
Notched Izod Impact Strength @ -22°F	ASTM D256A	0.8 ft-lb/in	43 J/m
Heat Deflection Temperature @ 66 psi	ASTM D648	187 °F	86 °C
Rockwell Hardness	ASTM D785	95 R Scale	95 R Scale

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 1/01, Revised 3/18

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