Formosa Plastics®

Formolene® PP

Formolene® 6502A

Impact Copolymer for Extrusion Applications

Formolene® 6502A is a high impact copolymer with an excellent balance of toughness and stiffness. It is suitable for blow-molded bottles and components, heavy gauge sheet for thermoformed containers and components and profile extrusions including corrugated board.

Material has been approved under automotive specification - FCA MS-DB-500 CPN 4809.

Formolene® 6502A 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	1.5 g/10min	1.5 g/10min
Density	ASTM D1505	0.9 g/cm3	0.9 g/cm^3
Tensile Strength at Yield (50 mm/min)	ASTM D638	3,800 psi	26 MPa
Elongation at Yield (50 mm/min)	ASTM D638	9 %	9 %
Flexural Modulus (1.3 mm/min), 1% Secant	ASTM D790	175,000 psi	1207 MPa
Rockwell Hardness	ASTM D785	95 R Scale	95 R Scale
Notched Izod Impact Strength @ 73°F	ASTM D256A	16 ft-lb/in	854 J/m
Notched Izod Impact Strength @ 32°F	ASTM D256A	1.7 ft-lb/in	91 J/m
Heat Deflection Temperature @ 66 psi	ASTM D648	203 °F	97 °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 3/18

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