



Formosa Plastics®

Formolene® PP

Formolene® 6600A

Impact Copolymer for Extrusion and Compounding Applications (Fractional Melt Flow)

Formolene® 6600A is a high impact copolymer with an excellent balance of toughness and stiffness. It is suitable for compounding programs as well as blow-molded bottles and components, heavy gauge sheet for thermoformed containers and components and profile extrusions.

Formolene® 6600A meets all 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.

Typical Properties of this Commercial Grade

Melt Flow Rate, I ₂ @ 230°C, g/10 min	ASTM D1238	0.5
Density, g/cm ³	ASTM D1505	0.9
Tensile Strength at Yield (50 mm/min), psi	ASTM D638	3,650
Elongation at Yield (50 mm/min), %	ASTM D638	10
Flexural Modulus (1.3 mm/min), 1% Secant, psi	ASTM D790	155,000
Notched Izod Impact Strength @ 73°F, ft-lb/in	ASTM D256	No Break
Notched Izod Impact Strength @ 0°C, ft-lb/in	ASTM D256	2.5
Notched Izod Impact Strength @ -18°C, ft-lb/in	ASTM D256	2.1
Notched Izod Impact Strength @ -30°C, ft-lb/in	ASTM D256	1.6
Heat Deflection Temperature @ 66 psi, °C	ASTM D648	86

Notes: Specimens were injection molded according to the conditions specified in ASTM D4101.
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*FM 46020 applies to specific copolymers

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ISO 9001:2008
FS 70459
FM 31429
FM 46020*



ISO 14001:2004
EMS 35710