



Formosa Plastics®

Formolene® 6501A

Impact Copolymer for Extrusion Applications (Fractional Melt Flow)

Formolene® 6501A is a high impact copolymer with an excellent balance of toughness and stiffness. It is suitable for compounding and extrusion applications.

Formolene® 6501A 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	0.7
Density, g/cm ³	ASTM D1505	0.9
Tensile Strength at Yield (50 mm/min), psi	ASTM D638	3,700
Elongation at Yield (50 mm/min), %	ASTM D638	10
Flexural Modulus (1.3 mm/min), 1% Secant, psi	ASTM D790	160,000
Rockwell Hardness, R Scale	ASTM D785	105
Notched Izod Impact Strength @ 73°F, ft-lb/in	ASTM D256	No Break
Notched Izod Impact Strength @ 0°C, ft-lb/in	ASTM D256	6.4
Heat Deflection Temperature @ 66 psi, °C	ASTM D648	95

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