



Formosa Plastics®

Formolene® PP

Formolene 6502A

Impact Copolymer for Extrusion Applications

Formolene 6502A is a medium 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.

Formolene 6502A 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	1.2
Density, g/cm ³	ASTM D1505	0.9
Tensile Strength at Yield (50 mm/min), psi	ASTM D638	3750
Elongation at Yield (50 mm/min), %	ASTM D638	9
Flexural Modulus (1.3 mm/min), 1% Secant, psi	ASTM D790	155,000
Rockwell Hardness, R Scale	ASTM D785	100
Notched Izod Impact Strength @ 73°F, ft-lb/in	ASTM D256	14
Notched Izod Impact Strength @ 0°C, ft-lb/in	ASTM D256	1.7
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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ISO 9001:2000
FS 70459
FM 31429
FM 46020



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EMS 35710