



Formosa Plastics®

Formolene® PP

Formolene 6520A

Impact Copolymer for Injection Molding

Formolene 6520A is a medium impact copolymer of polypropylene characterized by its easy mold flow, physical property balance and excellent dimensional stability. It has found use in applications such as closures, housewares and small appliances.

Formolene 6520A 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	20.0
Density, g/cm ³	ASTM D1505	0.9
Tensile Strength at Yield (50 mm/min), psi	ASTM D638	3,460
Elongation at Yield (50 mm/min), %	ASTM D638	7
Flexural Modulus (1.3 mm/min), 1% Secant, psi	ASTM D790	155,000
Rockwell Hardness, R Scale	ASTM D785	105
Notched Izod Impact Strength @ 73°F, ft-lb/in	ASTM D256	2.7
Notched Izod Impact Strength @ 0°C, ft-lb/in	ASTM D256	1.7
Heat Deflection Temperature @ 66 psi, °C	ASTM D648	93

Note: Specimens were injection molded according to the conditions specified in ASTM D4101.

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ISO 9001:2000
FS 70459
FM 31429
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EMS 35710