



Formosa Plastics®

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	3,500
Elongation at Yield (50 mm/min), %	ASTM D638	7
Flexural Modulus (1.3 mm/min), 1% Secant, psi	ASTM D790	165,000
Rockwell Hardness, R Scale	ASTM D785	105
Notched Izod Impact Strength @ 73°F, ft-lb/in	ASTM D256	2.5
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.

Published 2/01, Revised 08/10

*FM 46020 applies to specific copolymers

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ISO 9001:2008
FS 70459
FM 31429
FM 46020*



ISO 14001:2004
EMS 35710