



Formosa Plastics®

Formolene® PP

Formolene® 2550A

Impact Copolymer for Thin Walled Injection Molded Applications

Formolene® 2550A is a medium impact, high flow copolymer of polypropylene designed for such applications as housewares, containers and other rigid packaging. It is characterized by its easy mold flow, excellent physical property balance and finished product dimensional stability.

Formolene® 2550A 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	50
Density, g/cm ³	ASTM D1505	0.9
Tensile Strength at Yield (50 mm/min), psi	ASTM D638	3,000
Elongation at Yield (50 mm/min), %	ASTM D638	5
Flexural Modulus (1.3 mm/min), 1% Secant, psi	ASTM D790	145,000
Rockwell Hardness, R Scale	ASTM D785	89
Notched Izod Impact Strength @ 73°F, ft-lb. /in	ASTM D256	1.7
Heat Deflection Temperature @ 66psi, C	ASTM D648	93

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

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*FM 46020 applies to specific copolymers

Any inquiries regarding this data sheet should be addressed to: 9 Peach Tree Hill Road • Livingston, NJ 07039 • Phone: (888) FPCUSA3 • Fax: (973) 422-7772

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ISO 9001:2008
FS 70459
FM 31429
FM 46020*



ISO 14001:2004
EMS 35710