



Formosa Plastics®

Formolene® PP

Formolene® 3320B

Random Copolymer for Storage Boxes, Pill Vials and Containers

Formolene® 3320B is a high flow random copolymer with fast cycle time and easy mold release. It is designed for injection molding applications. Its clarity makes it an excellent choice for “see-through” housewares and rigid packaging.

Formolene® 3320B 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	4,200
Elongation at Yield (50 mm/min), %	ASTM D638	12
Flexural Modulus (1.3 mm/min), 1% Secant, psi	ASTM D790	150,000
Rockwell Hardness, R Scale	ASTM D785	100
Notched Izod Impact Strength @ 73°F, ft-lb/in	ASTM D256	1.3
Notched Izod Impact Strength @ 0°C, ft-lb/in	ASTM D256	0.4
Heat Deflection Temperature @ 66psi, °C	ASTM D648	87

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