

### Formolene 7320A

Random Copolymer for Storage Boxes, Pill Vials and Containers

Formolene 7320A 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 7320A 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 <sub>2</sub> @ 230 °C, g/10 min	ASTM D1238	20.0
Density, g/cm <sup>3</sup>	ASTM D1505	0.9
Tensile Strength at Yield (50 mm/min), psi	ASTM D638	4,400
Elongation at Yield (50 mm/min), %	ASTM D638	12
Flexural Modulus (1.3 mm/min), 1% Secant, psi	ASTM D790	165,000
Rockwell Hardness, R Scale	ASTM D785	100
Notched Izod Impact Strength @ 73°F, ft-lb/in	ASTM D256	0.8
Notched Izod Impact Strength @ 0°C, ft-lb/in	ASTM D256	0.4
Heat Deflection Temperature @ 66psi, °C	ASTM D648	90

Note: Specimens were injection molded according to the conditions specified in ASTM D4101.  
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\*\* Meets all requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520, and with the European standards 85/572/EEC, 90/128/EEC y 97/48/EEC covering safe use of polyolefin articles intended for direct food contact.

\*\*\* The reported values are typical and do not constitute a warranty but a guide for the diverse application possibilities.