



FPC USA

## Formolene 2520A

### **An Impact Copolymer of Polypropylene For Closures, Housewares and Small Appliance Applications**

Formolene 2520A is a medium impact copolymer of polypropylene characterized by its easy mold flow, physical property balance and excellent dimensional stability. It contains a unique combination of stabilizers which give it excellent processing and usage performance.

Formolene 2520A 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	0.900
Tensile Strength at Yield (50 mm/min), psi (MPa)	ASTM D638	3,800 (26)
Elongation at Yield (50 mm/min), %	ASTM D638	7
Flexural Mod. (1.3 mm/min), 1% Secant, psi (MPa)	ASTM D790	170,000 (1,170)
Rockwell Hardness, R Scale	ASTM D785	105
Notched Izod Impact Strength @ 73°F, ft-lb/in (J/m)	ASTM D256	2.0 (107)
Notched Charpy Impact Strength @ 73°F, ft-lb/in (J/m)	ASTM D256	2.3 (123)

Note: Specimens were injection molded according to the conditions specified in ASTM D4101.  
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ISO 9002, ISO 14001 & QS 9000  
ISO Certificate Number  
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