



Formosa Plastics®

Formolene® PP

# Formolene® 2510A

## Medium Impact Copolymer for Injection Molding

Formolene® 2510A is a medium impact copolymer of polypropylene for use in injection molding applications including battery cases and lids. It is characterized by easy mold flow, physical property balance and excellent dimensional stability. It contains a unique combination of stabilizers, which provides excellent processing and usage performance.

Formolene® 2510A 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	10.0
Density, g/cm <sup>3</sup>	ASTM D1505	0.9
Tensile Strength at Yield (50 mm/min), psi	ASTM D638	3,500
Elongation at Yield (50 mm/min), %	ASTM D638	6.0
Flexural Modulus (1.3 mm/min), 1% Secant, psi	ASTM D790	150,000
Rockwell Hardness, R Scale	ASTM D785	103
Notched Izod Impact Strength @ 73°F, ft-lb/in	ASTM D256	2.1
Notched Izod Impact Strength @ 0°C, ft-lb/in	ASTM D256	1.5
Heat Deflection Temperature @ 66psi, °C	ASTM D648	85

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

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\*FM 46020 applies to specific copolymers

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FS 70459  
FM 31429  
FM 46020\*



ISO 14001:2004  
EMS 35710