



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 <sub>2</sub> @ 230°C, g/10 min | ASTM D1238 | 50      |
| Density, g/cm <sup>3</sup>                       | 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.

Published 8/02. Reviewed 01/07

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ISO 9001:2000  
FS 70459  
FM 31429  
FM 46020



ISO 14001  
EMS 35710