Manufacturer website: https://www.fpcusa.com/

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 the 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. For additional information on approved conditions of use for food contact applications, please refer to the "Products" section on our web site (http://www.fpcusa.com/ourproducts.html).

This material is free of animal-derived content.

Typical Properties of this Commercial Grade

Property	Test Method	Typical Values	
		English	SI
Melt Flow Rate, I_2 @ 230°C	ASTM D1238	50 g/10 min	50 g/10 min
Density	ASTM D1505	0.9 g/cm^3	0.9 g/cm^3
Tensile Strength at Yield (50 mm/min)	ASTM D638	3,200 psi	22 MPa
Elongation at Yield (50 mm/min)	ASTM D638	5 %	5 %
Flexural Modulus (1.3 mm/min), 1% Secant	ASTM D790	145,000 psi	1000 MPa
Notched Izod Impact Strength @ 73°F	ASTM D256A	1.7 ft-lb/in	91 J/m
Rockwell Hardness	ASTM D785	95 R Scale	95 R Scale
Heat Deflection Temperature @ 66 psi	ASTM D648	199 °F	93 °C

Note: Specimens were injection molded according to the conditions specified in ASTM D4101.
Data for representative purposes only; not to be construed as product specification. Published 8/02,Revised 3/18

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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