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

Formosa Plastics®

Formolene® PP

Formolene® 6550A

Impact Copolymer for Thin Walled Injection Molded Applications

Formolene® 6550A 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® 6550A 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 website (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		Typical Values 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	3,000	psi	21	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
Heat Deflection Temperature @ 66 psi	ASTM D648	199	°F	93	°C
Rockwell Hardness	ASTM D785	90	R Scale	90	R Scale

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 2/09, 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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