Formosa Plastics®

Formolene® PP

Formolene® 6535A

Impact Copolymer for Thin Walled Injection Molded Applications

Formolene® 6535A is a medium impact copolymer of polypropylene designed for such applications as housewares, dairy packaging and stadium cups. It is characterized by its easy mold flow, excellent physical property balance and finished product dimensional stability.

Formolene® 6535A 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	SI
Melt Flow Rate, I_2 @ 230°C	ASTM D1238	35 g/10 min	35 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	3,350 psi	23 MPa
Elongation at Yield (50 mm/min)	ASTM D638	7 %	7 %
Flexural Modulus (1.3 mm/min), 1% Secant	ASTM D790	145,000 psi	1000 MPa
Notched Izod Impact Strength @ 73°F	ASTM D256A	2.5 ft-lb/in	133 J/m
Notched Izod Impact Strength @ 32°F	ASTM D256A	1.6 ft-lb/in	85 J/m
Rockwell Hardness	ASTM D785	95 R Scale	95 R Scale
Heat Deflection Temperature @ 66 psi	ASTM D648	190 °F	88 °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 2/01, Revised 3/18

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