Formosa Plastics®

Formolene® PP

Formolene® 6520N

Impact Copolymer for Injection Molding

Formolene® 6520N is a medium impact copolymer of polypropylene characterized by its easy mold flow, physical property balance and excellent dimensional stability.

The improved stiffness and impact balance also provides for utility in industrial applications including bins and crates, and small appliances.

Formolene® 6520N 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, I2 @ 230°C	ASTM D1238	20 g/10 min	20 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	3600 psi	25 MPa
Elongation at Yield (50 mm/min)	ASTM D638	6 %	6 %
Flexural Modulus (1.3 mm/min), 1% Secant	ASTM D790	175,000 psi	1200 MPa
Notched Izod Impact Strength @ 73°F	ASTM D256A	3.5 ft-lb/in	185 J/m
Heat Deflection Temperature @ 66 psi	ASTM D648	219 °F	104 °C
Heat Deflection Temperature @ 264 psi	ASTM D648	127 °F	53 °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 01/07, Revised 11/23

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