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Formosa Plastics®

Formolene® PP

Formolene® 6510E

Impact Copolymer for General Purpose Injection Applications

Formolene® 6510E is a medium impact, copolymer of polypropylene characterized by physical property balance and excellent dimensional stability. It contains a unique combination of stabilizers, which give it excellent processing and usage performance. Typical applications include molding of consumer products, household items, appliances and lawn & garden Items.

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	10 g/10 min	10 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	3,600 psi	25 MPa
Elongation at Yield (50 mm/min)	ASTM D638	7 %	7 %
Flexural Modulus (1.3 mm/min), 1% Secant	ASTM D790	160,000 psi	1103 MPa
Notched Izod Impact Strength @ 73°F	ASTM D256A	3.7 ft-lb/in	198 J/m
Heat Deflection Temperature @ 66 psi	ASTM D648	203 °F	95 °C
Rockwell Hardness	ASTM D785	100 R Scale	100 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 3/99, Revised 3/18

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