

Impact Copolymer for Compounding and Injection Molded Applications

Formolene 2610A is a high impact copolymer of polypropylene designed for such applications as Automotive Compounds and injection molding of Lawn & Garden products and Appliances. It is characterized by its easy mold flow, excellent physical property balance of stiffness and impact at room temperature and sub ambient conditions as well as finished product dimensional stability.

Formolene 2610A meets all 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.

Typical Properties of this Commercial Grade

Melt Flow Rate, I 2 @ 230 ° C, g/10 min	ASTM D1238	10.0
Density, g/cm ³	ASTM D1505	0.9
Tensile Strength at Yield (50 mm/min), psi	ASTM D638	2,850
Elongation at Yield (50 mm/min), %	ASTM D638	6
Flexural Modulus (1.3 mm/min), 1% Secant, psi	ASTM D790	140,000
Rockwell Hardness, R Scale	ASTM D785	105
Notched Izod Impact Strength @ 73° F, ft-lb/in	ASTM D256	11
Notched Izod Impact Strength @ -18 °C, ft-lb/in	ASTM D256	1.9
Notched Izod Impact Strength @ -30 °C, ft-lb/in	ASTM D256	1.7
Heat Deflection Temperature @ 66 psi, ° C	ASTM D648	86
Heat Deflection Temperature @ 264 psi, °C	ASTM D648	50

Note: Specimens were injection molded according to the conditions specified in ASTM D4101. Published 3/99, Revised 01/07