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

Formosa Plastics®

Polypropylene

Formolene® 6630A

Impact Copolymer for Injection Molding Applications

Formolene® 6630A is a high impact copolymer of polypropylene designed and formulated for injection-molded applications. It contains a unique combination of stabilizers and nucleators which provides an optimum balance of stiffness and cold temperature impact.

It exhibits an excellent range of physical and thermodynamic properties which make it an ideal choice for critical applications in the areas of automotive, appliances and lawn & garden.

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	30 g/10 min	30 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	2,700 psi	19 MPa
Elongation at Yield (50 mm/min)	ASTM D638	6 %	6 %
Flexural Modulus (1.3 mm/min), 1% Secant	ASTM D790	125,000 psi	862 MPa
Notched Izod Impact Strength @ 73°F	ASTM D256A	10 ft-lb/in	534 J/m
Notched Izod Impact Strength @ 0°F	ASTM D256A	1.6 ft-lb/in	85 J/m
Notched Izod Impact Strength @ -22°F	ASTM D256A	1.3 ft-lb/in	69 J/m
Heat Deflection Temperature @ 66 psi	ASTM D648	194 °F	90 °C

Notes: 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 11/07, Revised 10/20

Any inquiries regarding this data sheet should be addressed to: 9 Peach Tree Hill Road • Livingston, NJ 07039 • Phone: (800) 363-1823 • Fax: (973 716-7483

The information and recommendations in this publication are, to the best of our knowledge, reliable. Suggestions concerning uses or applications are only the opinion of FORMOSA PLASTICS CORPORATION, U.S.A. and users should perform their own tests to determine the suitability of these products for their own particular purposes. However because of numerous factors affecting results, FORMOSA PLASTICS CORPORATION, U.S.A. MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, other than that the material conforms to the applicable current Standard Specifications Statements herein, therefore, should not be construed as representations or warranties. Statements concerning the use of the products of formulations described herein are not to be construed as recommending the infringement of any patent and no liability for infringement arising out of any such use is assumed.

©Formosa Plastics Corporation, U.S.A.

Formolene® & Formolon® are registered trademarks of FPC USA

03/20

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