Formosa Plastics®

Formolene® PP

Formolene® 6507N

Impact Copolymer for Injection Molding

Formolene® 6507N is a medium impact copolymer of polypropylene characterized by its easy mold flow, physical property balance and excellent dimensional stability. It has found use in applications including automotive child seating and carriers, and light appliances where impact strength is critical through a full range of temperature conditions.

This material is free of animal-derived content.

Typical Properties of this Commercial Grade

Property	Test Method	Typical Values English	Typical Values SI
Melt Flow Rate, I_2 @ 230°C	ASTM D1238	7 g/10 min	7 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	6 %	6 %
Flexural Modulus (1.3 mm/min), 1% Secant	ASTM D790	180,000 psi	1241 MPa
Notched Izod Impact Strength @ 73°F	ASTM D256A	3.8 ft-lb/in	203 J/m
Notched Izod Impact Strength @ 0°F	ASTM D256A	1.3 ft-lb/in	69 J/m
Heat Deflection Temperature @ 66 psi	ASTM D648	212 °F	100 °C
Heat Deflection Temperature @ 264 psi	ASTM D648	129 °F	54 °C
Rockwell Hardness	ASTM D785	94 R Scale	94 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 1/07, Revised 02/20

Any inquiries regarding this data sheet should be addressed to: 9 Peach Tree Hill Road • Livingston, NJ 07039 • Phone: (888) FPCUSA3 • Fax: (973) 422-7772

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 the 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. The responsibility of FORMOSA PLASTICS CORPORATION, U.S.A. for claims arising out of breach of warranty, negligence, strict liability or otherwise is limited to the purchase price of the material. 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® is a registered trademark of FPC USA