



Formosa Plastics®

Formolene® 2620A

Impact Copolymer for Compounding and Injection Molded Applications

Formolene® 2620A is a high impact copolymer of polypropylene designed for applications such as automotive compounds and 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® 2620A 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 web site (<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, I ₂ @ 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 | 2,800 psi | 19 MPa |
| Elongation at Yield (50 mm/min) | ASTM D638 | 7 % | 7 % |
| Flexural Modulus (1.3 mm/min), 1% Secant | ASTM D790 | 120,000 psi | 828 MPa |
| Notched Izod Impact Strength @ 73°F | ASTM D256A | 11 ft-lb/in | 587 J/m |
| Notched Izod Impact Strength @ 32°F | ASTM D256A | 2.0 ft-lb/in | 107 J/m |
| Notched Izod Impact Strength @ 0°F | ASTM D256A | 1.8 ft-lb/in | 96 J/m |
| Notched Izod Impact Strength @ -22°F | ASTM D256A | 1.6 ft-lb/in | 85 J/m |
| Rockwell Hardness | ASTM D785 | 85 R Scale | 85 R Scale |
| Heat Deflection Temperature @ 66 psi | ASTM D648 | 185 °F | 85 °C |
| Heat Deflection Temperature @ 264 psi | ASTM D648 | 122 °F | 50 °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.

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*FM 46020 applies to specific copolymers

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.

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ISO 9001:2008
FS 70456
FM 91429
FM 46020*



ISO 14001:2004
EMS 35710