

Product Data Sheet



Product Description and Applications:

ZP-901

QS-9000
Registered

12 Melt Flow Homopolymer Polypropylene

This product is intended for thin-wall injection molded applications including closures, food containers and miscellaneous consumer products applications.

Features:

- Superior color and processing stability
- Low odor and taste
- Excellent flow characteristics
- Good mold release

This polypropylene product complies with appropriate FDA regulations and thus may be safely used in food contact and packaging applications. For specific regulatory use information please contact our local sales representative.

Typical Properties:

| Property | Traditional Units | SI Units | ASTM Test |
|--|-----------------------|-----------------------|--------------------|
| Melt Flow Rate | 12 g/10 min | 12 g/10 min | D1238 ¹ |
| Density at 23°C | 0.9 g/cm ³ | 900 kg/m ³ | D1505 |
| Tensile yield strength at 51 mm/min | 5700 psi | 39 MPa | D638 ² |
| Yield elongation at 51 mm/min | 17% | 17% | D638 ² |
| Flexural modulus (1% tangent) at 1.27 mm/min | 270,000 psi | 1862 MPa | D790A ² |
| Notched Izod impact strength at 73°F/23°C | 0.6 ft-lb/in | 32 J/m | 256 ² |

* A statistically valid sample size does not exist to determine the average physical property and its variability. These data may change as additional results become available.

¹ Condition L, 203/2.16

² ASTM Type I specimen, 3.2 mm thick (injection molded per ASTM D4101-92a)

³ Method G, Geometry GC

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