

Product Data Sheet



Product Description and Applications:

ZL-408

QS-9000
Registered

4.2 Melt Flow Homopolymer Polypropylene

This product is intended for woven products used for carpeting backing, slit tape, and industrial / geotextile fabrics.

Features:

- Excellent color and processing stability
- Resistance to gas fading
- Low water carry-over
- Excellent cleanliness

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
Density at 23°C	0.9 g/cm ²	900 kg/m ²	D1505
Tensile yield strength at 51 mm/min	5300 psi	37 MPa	D638 ¹
Yield elongation at 51 mm/min	14%	14%	D638 ¹
Flexural modulus (1% tangent) at 1.27 mm/min	260,000 psi	1791 MPa	D790A ¹
Notched Izod impact strength at 73°F/23°C	0.6 ft-lb/in	32 J/m	D256 ¹
Heat deflection temperature at 66 psi/455 KPa	219°F	104°	D648

¹ ASTM Type I specimen, 3.2 mm thick (injection molded per ASTM D4101-92a)

² Method G, Geometry GC

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