

Technical Data Sheet



Polytrope TPP 512

Thermoplastic Polyolefin Elastomer
LyondellBasell Industries
Engineering Plastics

Product Description

TPO General Purpose Unfilled

General

Material Status	• Commercial: Active
Availability	• North America
Features	• General Purpose
Automotive Specifications	• CHRYSLER MS-DC-256 Type A CPN2775 • GM GMP/E/P.048 Color: Black • CHRYSLER MS-DC-256 Type A • GM GMP/E/P.069 Color: Black CPN3382
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.912	0.910 g/cm ³	ASTM D792
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength ¹ (Yield)	2680 psi	18.5 MPa	ASTM D638
Tensile Elongation ¹ (Break)	500 %	500 %	ASTM D638
Flexural Modulus ²	131000 psi	900 MPa	ASTM D790

Notes

¹ 2.0 in/min (50 mm/min)

² 0.051 in/min (1.3 mm/min)

Notes

These are typical property values not to be construed as specification limits.

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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