

# POLYTROPE<sup>®</sup> TPP 508

Thermoplastic Polyolefin Elastomer  
Engineering Plastics

## Product Description

TPO General Purpose Unfilled

## General

|                           |                                                                                                                                                                                                                                                             |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Features                  | <ul style="list-style-type: none"> <li>General Purpose</li> </ul>                                                                                                                                                                                           |
| Automotive Specifications | <ul style="list-style-type: none"> <li>CHRYSLER MS-DC-243 Type B</li> <li>CPN2757 Color: 31 Black</li> <li>FORD ESB-M4D246-A3 Color: YGYA</li> <li>GM GMP.E/P.023 Color: Black</li> <li>GM GMP.E/P.028 Color: Black</li> <li>TOYOTA TSM 5601G-4D</li> </ul> |
| Processing Method         | <ul style="list-style-type: none"> <li>Injection Molding</li> </ul>                                                                                                                                                                                         |

| Physical                              | Nominal Value (English) | Nominal Value (SI)      | Test Method     |
|---------------------------------------|-------------------------|-------------------------|-----------------|
| Density / Specific Gravity            | 0.942                   | 0.940 g/cm <sup>3</sup> | ASTM D792       |
| Molding Shrinkage - Flow <sup>1</sup> | 0.010 in/in             | 1.0 %                   | Internal Method |
| Mechanical                            | Nominal Value (English) | Nominal Value (SI)      | Test Method     |
| Tensile Strength <sup>2</sup> (Yield) | 2610 psi                | 18.0 MPa                | ASTM D638       |
| Flexural Modulus <sup>3</sup>         | 94300 psi               | 650 MPa                 | ASTM D790       |

## Notes

<sup>1</sup> 5x7 in plaque

<sup>2</sup> 2.0 in/min (50 mm/min)

<sup>3</sup> 0.051 in/min (1.3 mm/min)

