

## Technical Data Sheet

# POLYTROPE® TPP 508

Thermoplastic Polyolefin Elastomer  
Engineering Plastics

### Product Description

TPO General Purpose Unfilled

### General

|                           |                                                                                                                                                                              |  |  |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| Features                  | • General Purpose                                                                                                                                                            |  |  |
| Automotive Specifications | • CHRYSLER MS-DC-243 Type B<br>CPN2757 Color: 31 Black • GM GMP.E/P.023 Color: Black • TOYOTA TSM 5601G-4D<br>• FORD ESB-M4D246-A3 Color: YGYA • GM GMP.E/P.028 Color: Black |  |  |
| Processing Method         | • Injection Molding                                                                                                                                                          |  |  |

| 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)

### Notes

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