## TECHNICAL DATA SHEET

POE

### Typical Physical
- **Melt Index, 190°C/2.16 kg, dg/min**
  - Test Method: ASTM D 1238
  - Value: 1.6
- **Density, g/cm³**
  - Test Method: ASTM D 792
  - Value: 0.897
- **Mooney Viscosity, ML 1 + 4 @ 121°C**
  - Test Method: ASTM D 1646
  - Value: 13

### Typical Molded
- **Ultimate Tensile Strength, MPa**
  - Test Method: ASTM D 638*
  - Value: 20.4
- **Ultimate Tensile Elongation, %**
  - Test Method: ASTM D 638*
  - Value: 690
- **100% Modulus, MPa**
  - Test Method: ASTM D 638*
  - Value: 6.3
- **Hardness**
  - Shore A
    - Test Method: ASTM D 2240
    - Value: 86
  - Shore D
    - Test Method: ASTM D 2240
    - Value: 36
- **Flexural Modulus, MPa**
  - **1% Secant**
    - Test Method: ASTM D 790
    - Value: 54.2
  - **2% Secant**
    - Test Method: ASTM D 790
    - Value: 54.3
- **Tear Strength, Type C, kN/m**
  - Test Method: ASTM D 624
  - Value: 78.9

### Typical Thermal
- **Vicat Softening Point, °C**
  - Test Method: ASTM D 1525
  - Value: 75
- **DSC Melting Point, 10°C/min rate, °C**
  - Test Method: MANUF
  - Value: 93
- **Glass Transition Temperature, °C**
  - Test Method: MANUF
  - Value: -33
- **Tc Peak, °C**
  - Test Method: MANUF
  - Value: 76

* 508 mm/mm

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