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## Technical Data Sheet

### *Polytrope* TPO-20T BK(17M)BLK



Polyolefin, Unspecified

#### Product Description

20% Mineral Filled Thermoplastic Polyolefin Melt Flow Adjustable for Application Colors Available Add "U" for UV Stabilized Add "H" for Heat Stabilized

**Appearance** Colors Available

**Filler/Reinforcement** Mineral, 20%

| Typical Properties                                     | Nominal Value | Units             | Test Method |
|--------------------------------------------------------|---------------|-------------------|-------------|
| <b>Physical</b>                                        |               |                   |             |
| Density - Specific Gravity                             | 1.04          | g/cm <sup>3</sup> | ASTM D792   |
| <b>Mechanical</b>                                      |               |                   |             |
| Tensile Strength at Yield                              | 21.4          | MPa               | ASTM D638   |
| Flexural Modulus                                       | 862           | MPa               | ASTM D790   |
| Tensile Elongation at Break                            | >25           | %                 | ASTM D638   |
| Flexural Strength                                      | 30.3          | MPa               | ASTM D790   |
| <b>Impact</b>                                          |               |                   |             |
| Notched Izod Impact, (3.18 mm)                         | No Break      |                   | ASTM D256   |
| <b>Thermal</b>                                         |               |                   |             |
| Deflection Temperature Under Load Unannealed (264 psi) | 43.3          | °C                | ASTM D648   |