

TPO-3975 UVP 848 Black

Polyolefin Alloy - Weather Resistant, 1700 MPa Flexural Modulus, High Flow

TYPICAL APPLICATIONS:

Exterior fully-painted applications such as bumper fascias, rockers, bodysides and fascia accents

Product Description:

Properties shown below are typical for a 20% mineral filled thermoplastic olefin alloy. Additional products are offered with properties tailored for specific applications

**Approved to: GMP.E/P.157
 GMW15188**

Features and Options:

- Tested at $23 \pm 2^{\circ}\text{C}$ ($73.4 \pm 3.6^{\circ}\text{F}$) and $50 \pm 5\%$ relative humidity unless otherwise noted. Excellent balance of impact strength and rigidity.
- Very good ductility and practical toughness.
- UV Stabilized
- Paintable Compound

Physical Properties	Typical Values*	Test Method
Melt Flow	21 g/10 min	ISO 1133
Filler Content	18%	ISO 3451
Density	1.03 g/cm ³	ISO 1183
Notched Izod Impact @ -30°C	7 kJ/m ²	ISO 180
Notched Charpy Impact @ -30°C	5 kJ/m ²	ISO 179
Tensile Strength @ Yield (50mm/minute)	19 MPa	ISO 527
Tensile Modulus (1mm/minute)	1,800 MPa	ISO 527
Flexural Modulus (2mm/minute)	1,600 MPa	ISO 178
Deflection Temperature @ 1820 KPa	52°C	ISO 75
Multiaxial Impact @ 23°C	19 J	ASTM D3763
Multiaxial Impact @ -30°C	20 J	ASTM D3763
Multiaxial Impact @ 23°C	14 J	ISO 6603

NOTE: Custom colors available upon request.

* Values given are typical and should not be interpreted as product specification. To obtain values for specific application purposes, contact your Washington Penn Plastic representative.

The results reported are typical and based on reliable testing procedures. However, due to variable processing methods and conditions, no guarantees or warranties are expressed or implied, including expressions of fitness for purpose or merchantability. No recommendations are made to infringe on patents.