



Washington Penn Plastic Co., Inc.

450 Racetrack Road • P.O. Box 236
Washington, Pennsylvania 15301-6183
Phone (724) 228-1260
Fax (724) 223-9300
Website www.washpenn.com

TPO-3985 P Black

A 11% Mineral Filled Paintable Thermoplastic Compound.

TYPICAL APPLICATIONS:

Fender Flares, Claddings, Bumpers, Fascias, and Other Automotive Applications.

Product Description:

Properties shown below are typical for a 11% mineral filled thermoplastic olefin alloy. Additional products are offered with properties tailored for specific applications.

Approved To: GMW15185

Features and Options:

- Excellent balance of impact strength and rigidity.
- Very good ductility and practical toughness.
- Weatherable / paintable grade.
- Custom colors available upon request.
- 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

Physical Properties	Typical Values*	Test Method
Melt Flow	25 g/10 min	ISO 1133
Filler Content	11%	ISO 3451
Density	0.97 g/cm ³	ISO 1183
Notched Charpy Impact @ -30°C	14 kJ/m ²	ISO 179
Tensile Strength @ Yield (50mm/minute)	16 MPa	ISO 527
Tensile Modulus (1mm/minute)	1,200 MPa	ISO 527
Flexural Modulus (2mm/minute)	1,100 MPa	ISO 178
Multiaxial Impact @ -30°C	18 J	ASTM D3763
Multiaxial Impact @ -30°C	15 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.