

# WPP TPO TPO-3975 UVP 848 GLM

Compounded Polypropylene

Washington Penn Plastic Co. Inc.

## Message:

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

### TYPICAL APPLICATIONS:

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

### 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

General Information			
Filler / Reinforcement	Mineral,20% Filler by Weight		
Additive	UV Stabilizer		
Features	Ductile Good Toughness Good UV Resistance Good Weather Resistance High Flow High Impact Resistance High Rigidity Paintable		
Uses	Automotive Applications Automotive Bumper Automotive Interior Parts Fascias		
Appearance	Colors Available		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.03	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR)	24	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	15.0	MPa	ISO 527-2/50
Flexural Modulus <sup>1</sup>	1700	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
-30°C	7.0	kJ/m <sup>2</sup>	
23°C	54	kJ/m <sup>2</sup>	

Multi-Axial Instrumented Impact Energy			ASTM D3763
-30°C	20.0	J	
23°C <sup>2</sup>	17.0	J	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	52.0	°C	ISO 75-2/A
NOTE			
1.	2.0 mm/min		
2.	6.6 m/sec		

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