

WPP TPO TPO-257 UV Black

Compounded Polypropylene
Washington Penn Plastic Co. Inc.

Message:

WPP TPO TPO-257 UV Black is a composite polypropylene product. It is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. Typical application areas are: automotive industry.
Features include:
Hard
Good toughness
Impact resistance
soft
UV stability

General Information			
Additive	UV stabilizer		
Features	Impact resistance, good		
	Medium liquidity		
	Good toughness		
	ductility		
	Medium hardness		
Uses	Application in Automobile Field		
	Automotive exterior parts		
	Strap		
Appearance	Black		
	Available colors		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.898	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	9.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	60		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	20.0	MPa	ASTM D638
Tensile Elongation ² (Yield)	500	%	ASTM D638
Flexural Modulus - Tangent ³	936	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	No Break		ASTM D256
Instrumented Dart Impact ⁴ (-30°C)	22.0	J	ASTM D3763
Thermal	Nominal Value	Unit	Test Method

Linear thermal expansion coefficient			ASTM E831
Flow: -30 to 100°C	1.1E-4	cm/cm/°C	ASTM E831
Lateral: -30 to 100°C	1.8E-4	cm/cm/°C	ASTM E831

Additional Information

Tensile Elongation at Yield, ASTM D638, 50mm/min: >500%

NOTE

1.	50 mm/min
2.	50 mm/min
3.	1.3 mm/min
4.	2.20 m/sec

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