

WPP TPO TPO-277 P Black

Compounded Polypropylene
Washington Penn Plastic Co. Inc.

Message:

WPP TPO TPO-277 P Black is a composite polypropylene product containing 15% mineral fillers. 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

General Information			
Filler / Reinforcement	Mineral filler, 15% filler by weight		
Features	Impact resistance, good		
	Good toughness		
	ductility		
	Medium hardness		
Uses	Application in Automobile Field		
	Automotive exterior parts		
Appearance	Black		
	Available colors		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.988	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)	66		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	18.0	MPa	ASTM D638
Tensile Elongation ² (Break)	500	%	ASTM D638
Flexural Modulus - Tangent ³	1400	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Dart Drop Impact (-30°C)	22.0	J	ASTM D3029
Additional Information			
Tensile Elongation at Break, ASTM D638, 50 mm/min: >500%			
NOTE			
1.	50 mm/min		

2.	50 mm/min
3.	1.3 mm/min

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

