

# WPP TPO TPO-277 UVP ZSP

Compounded Polypropylene  
Washington Penn Plastic Co. Inc.

Message:

WPP TPO TPO-277 UVP ZSP 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 UV resistance  
Good toughness  
Impact resistance  
soft

General Information			
Additive	UV stabilizer		
Features	Impact resistance, good		
	Good UV resistance		
	Good toughness		
	ductility		
	Medium hardness		
Uses	Application in Automobile Field		
	Automotive exterior parts		
Appearance	Available colors		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.01	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	64		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	18.3	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	340	%	ASTM D638
Flexural Modulus - Tangent <sup>3</sup>	1380	MPa	ASTM D790
Elastomers	Nominal Value	Unit	Test Method
Tear Strength - Across Flow	112	kN/m	ASTM D624
Impact	Nominal Value	Unit	Test Method
Dart Drop Impact (-30°C)	22.6	J	ASTM D3029
Additional Information			
Tensile Elongation at Break, ASTM D638, 5 mm/min: >340%			
NOTE			

1.	5.0 mm/min
2.	5.0 mm/min
3.	13 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

