

WPP TPO TPO-2505 P Black

Compounded Polypropylene
Washington Penn Plastic Co. Inc.

Message:

WPP TPO TPO-2505 P Black is a composite polypropylene product containing 35% 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:
Good stiffness
Good toughness
Impact resistance

General Information			
Filler / Reinforcement	Mineral filler, 35% filler by weight		
Features	Rigid, good		
	Impact resistance, good		
	Sprayable		
	Medium liquidity		
	Good toughness		
Uses	Application in Automobile Field		
Appearance	Black		
	Available colors		
Physical	Nominal Value	Unit	Test Method
Density	1.16	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2500	MPa	ISO 527-2/1
Tensile Stress (Yield)	20.0	MPa	ISO 527-2/50
Flexural Modulus ¹	2200	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (-30°C)	4.0	kJ/m ²	ISO 179
Notched Izod Impact (-30°C)	4.0	kJ/m ²	ISO 180
Instrumented Dart Impact			
-10°C	18.0	J	ASTM D3763
23°C	18.0	J	ASTM D3763
-10°C	17.0	J	ISO 6603-2
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	55.0	°C	ASTM D1525 ²
Additional Information			
Tested at 23 ± 2°C (73.4 ± 3.6°F) and 50 ± 5% relative humidity unless otherwise noted.			

NOTE

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| 1. | 2.0 mm/min |
| 2. | 载荷2 (50N) |

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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

