

WPP PE PEH1TF2-Natural

Polyethylene

Washington Penn Plastic Co. Inc.

Message:

WPP PE PEH1TF2-Natural is a polyethylene product, which contains 24% talc filler. It can be processed by blow molding or extrusion and is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. Typical application areas are: automotive industry. The main characteristics are: heat stabilizer.

General Information	
Filler / Reinforcement	Talc filler, 24% filler by weight
Additive	heat stabilizer
Features	Good melt strength
	Thermal Stability
Uses	Application in Automobile Field
Appearance	Available colors
	Natural color
Forms	Particle
Processing Method	Blow molding
	Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity			
--	1.13	g/cm ³	ASTM D792
--	1.12	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	16	g/10 min	ASTM D1238, ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			
Yield ¹	32.0	MPa	ASTM D638
Fracture	32.0	MPa	ISO 527-2/50
Tensile Elongation			
Yield ²	14	%	ASTM D638
Fracture ³	40	%	ASTM D638
Fracture	14	%	ISO 527-2/50
Flexural Modulus			
-- ⁴	1950	MPa	ASTM D790
-- ⁵	1800	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			

23°C	580	J/m	ASTM D256
-20°C	26	kJ/m ²	ISO 180
23°C	42	kJ/m ²	ISO 180
Multi-Axial Instrumented Impact Energy (0°C)	14.5	J	ASTM D3763
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, not annealed	98.0	°C	ASTM D648
0.45 MPa, not annealed	85.0	°C	ISO 75-2/B
1.8 MPa, not annealed	55.0	°C	ASTM D648
Additional Information			
Tested at 23 ± 2°C (73.4 ± 3.6°F) and 50 ± 5% relative humidity unless otherwise noted.			
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	50 mm/min		
4.	1.3 mm/min		
5.	2.0 mm/min		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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



WECHAT