

WanBlend® WHT-1195MC

Thermoplastic Polyurethane Elastomer (Polyester)

Wanhua Chemical Group Co., Ltd.

Message:

WHT-1195MC TPU are polyester- based TPU, supplied in form of natural color, white or black pellets with high tear strength, outstanding abrasion resistance, and low temperature flexibility. Its product has silky matt surface.

Applications:

Extrusion - wire and cable

Extrusion- hose & tube, belt and film & sheet.

General Information			
Features	Good Abrasion Resistance		
	Good Strength		
	Low Temperature Flexibility		
Uses	Belts/Belt Repair		
	Film		
	Hose		
	Sheet		
	Tubing		
	Wire & Cable Applications		
Appearance	Black		
	Natural Color		
	White		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.20	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	92 to 98		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
100% Strain	10.2	MPa	
300% Strain	13.6	MPa	
Tensile Strength	16.5	MPa	ASTM D412
Tensile Elongation (Break)	400	%	ASTM D412
Tear Strength	93.9	kN/m	ASTM D624
Extrusion	Nominal Value	Unit	
Drying Temperature	90.0 to 110	°C	

Drying Time	4.0	hr
Cylinder Zone 1 Temp.	165	°C
Cylinder Zone 3 Temp.	185	°C
Cylinder Zone 5 Temp.	195	°C
Die Temperature	185	°C

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