

# Wanthane® WHT-1298

Thermoplastic Polyurethane Elastomer (Polyester)

Wanhua Chemical Group Co., Ltd.

Message:

WHT-1298 is economical polyester-based TPU for injection molding applications, supplied in form of transparent, translucent, colorless or slightly yellowish pellets with good strength resilience

Applications:

Heels, Injection part. etc

General Information			
Features	Good Strength		
	Resilient		
Uses	Footwear		
Appearance	Colorless		
	Translucent		
	Transparent - Slight Yellow		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.21	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	98		
Shore D	59		
Mechanical	Nominal Value	Unit	Test Method
Abrasion Loss	60.0	mm <sup>3</sup>	ISO 4649
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
100% Strain	16.0	MPa	
300% Strain	22.0	MPa	
Tensile Strength	35.0	MPa	ASTM D412
Tensile Elongation (Break)	410	%	ASTM D412
Tear Strength	160	kN/m	ASTM D624
Injection	Nominal Value	Unit	
Drying Temperature	110	°C	
Drying Time	2.0 to 3.0	hr	
Rear Temperature	200	°C	
Middle Temperature	205	°C	
Front Temperature	210	°C	

Nozzle Temperature	215	°C
Injection Pressure	70.0	MPa

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#### Recommended distributors for this material

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