Wanthane® WHT-8264

Thermoplastic Polyurethane Elastomer (Polyether)

Wanhua Chemical Group Co., Ltd.

Message:

WHT-8264 is polyether-based TPU, supplied in form of transparent, translucent, colorless or slightly yellowish pellets with the characteristic of Excellent Transparency, Short Cycletime, Easy Stickiness, Hydrolytic Stability, Fungus Resistance, Low Temperature, Flexibility & UV resistance.
Applications:
Transparent profiles like toys etc.

General Information			
Features	Fast Cure Fungus Resistant Good UV Resistance High Clarity Hydrolytically Stable Low Temperature Flexibility		
Uses	Profiles Toys Transparent Parts		
Appearance	Colorless Translucent Transparent - Slight Yellow		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.14	g/cm³	ASTM D792
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore D)	64		ASTM D2240
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress			ASTM D412
100% Strain	24.0	MPa	
300% Strain	32.0	MPa	
Tensile Strength	35.0	MPa	ASTM D412
Tensile Elongation (Break)	380	%	ASTM D412
Tear Strength	130	kN/m	ASTM D624
Thermal	**Nominal Value**	**Unit**	**Test Method**
Glass Transition Temperature	-35.0	°C	DSC
Injection	**Nominal Value**	**Unit**	

Drying Temperature	90.0 to 100	°C
Drying Time	3.0 to 4.0	hr
Rear Temperature	200	°C
Middle Temperature	205	°C
Front Temperature	210	°C
Nozzle Temperature	205	°C
Injection Pressure	85.0	MPa

Recommended distributors for this material

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