

Technical Data Sheet ---1172D

Polyester-----based TPU (Thermoplastic Polyurethane)

1. Feathers:

Abrasion Resistance, Oil/Solvent Resistance, Low Temperature Flexibility, High Pressure Resistance, Outstanding Mechanical Properties.

2. Applications

Belting, Hose & Tube, Seal & Gasket, Compounding, Wire & Cable Automotive, Footwear, Castor, Overmolding etc

3. Properties

Properties	Standard	Unit	Value
Physical Properties			
Density	ASTM D792	g/cm	1.22
Hardness	ASTM D2240	Shore A	/
	ASTM D2240	Shore D	72D
Mechanical Properties			
100% Modulus	ASTM D412	Mpa	28
300% Modulus	ASTM D412	Mpa	/
Tensile Strength	ASTM D412	Mpa	48
Tear Strength	ASTM D624	KN/m	260
Elongation at Break	ASTM D412	%	285
Tg	DSC	°C	-35

Note: The above values are shown as typical values should not be used as specifications.

4. Package: 25kg/bag.

5. Processing Guide

For optimum results, previous drying of the product during 3-4 hours at 100-110°C is available, in a hot air circulatory, vacuum or desiccant-air dryer.

6. Environmental & Healthy & Safety

Take MSDS for reference.