

Technical Data Sheet ---M385

Polyether-----based TPU (Thermoplastic Polyurethane)

1.Features:

Excellent Hydrolytic, Low Temperature Flexibility, Antimicrobial Property, Excellent Transparency, Aging Resistance, Weathering Resistance.

2.Applications

Animal Ear Tag, Sports Equipment, Fire Hose, Tubes, Flexitank, Wire&Cable, Fabric Coating, Film&Sheet, etc

3.Properties

Properties	Standard	Unit	Value
Physical Properties			
Density	ASTM D792	g/cm	1.15
Hardness	ASTM D2240	Shore A	85
	ASTM D2240	Shore D	/
Mechanical Properties			
100% Modulus	ASTM D412	Mpa	6
300% Modulus	ASTM D412	Mpa	10
Tensile Strength	ASTM D412	Mpa	28
Tear Strength	ASTM D624	KN/m	90
Elongation at Break	ASTM D412	%	650
Tg	DSC	°C	-45

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 3-4hous at 100-110°C is available, in a hot air circulatory, vacuum or desiccant-air dryer.

6.Environmental & Healthy & Safety

Take MSDS for reference.