

## Technical Data Sheet ---M390

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
<b>Physical Properties</b>			
Density	ASTM D792	g/cm	1.15
Hardness	ASTM D2240	Shore A	90
	ASTM D2240	Shore D	/
<b>Mechanical Properties</b>			
100% Modulus	ASTM D412	Mpa	8
300% Modulus	ASTM D412	Mpa	13
Tensile Strength	ASTM D412	Mpa	30
Tear Strength	ASTM D624	KN/m	100
Elongation at Break	ASTM D412	%	500
<b>Tg</b>	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 3-4hours at 100-110°C is available, in a hot air circulatory, vacuum or desiccant-air dryer.

### 6.Environmental & Healthy & Safety

Take MSDS for reference.