

## Technical Data Sheet ---M380

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

### 1. Features:

Excellent Processing Properties, Good Fast Setting Cost Efficiency, No Migration, Excellent Transparency.

### 2. Applications

Phone & Pad Cover, Footwear, Wheel & Castor, Seals, Wire & Cable etc

### 3. Properties

Properties	Standard	Unit	Value
<b>Physical Properties</b>			
Density	ASTM D792	g/cm	1.21
Hardness	ASTM D2240	Shore A	80
	ASTM D2240	Shore D	/
<b>Mechanical Properties</b>			
100% Modulus	ASTM D412	Mpa	4
300% Modulus	ASTM D412	Mpa	10
Tensile Strength	ASTM D412	Mpa	34
Tear Strength	ASTM D624	KN/m	70
Elongation at Break	ASTM D412	%	900
Visible Light	ASTM D1003	T%	90.5
Haze	ASTM D1003		2.0
<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 3-4 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.