

## Technical Data Sheet ---H3180

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

### 1. Feathers:

Excellent Physical property, better low resilience performance and molding performance, with good processing performance.

### 2. Applications

Auto, Agriculture, Clothes, Shoes , seals, wheels etc.

### 3. Properties

Properties	Standard	Unit	Value
<b>Physical Properties</b>			
Density	ASTM D792	g/cm	1.21
Hardness	ASTM D2240	Shore A	81
	ASTM D2240	Shore D	/
<b>Mechanical Properties</b>			
100% Modulus	ASTM D412	Mpa	4
300% Modulus	ASTM D412	Mpa	7
Tensile Strength	ASTM D412	Mpa	27
Tear Strength	ASTM D624	KN/m	105
Elongation at Break	ASTM D412	%	750
<b>Tg</b>	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 3-4hours at 100-110°C is available, in a hot air circulatory, vacuum or desiccant-air dryer.

### 6. Environmental & Healthy & Safety

Take MSDS for reference.