

Technical Data Sheet ---H3185

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
Physical Properties			
Density	ASTM D792	g/cm	1.21
Hardness	ASTM D2240	Shore A	86
	ASTM D2240	Shore D	/
Mechanical Properties			
100% Modulus	ASTM D412	Mpa	5
300% Modulus	ASTM D412	Mpa	8
Tensile Strength	ASTM D412	Mpa	30
Tear Strength	ASTM D624	KN/m	115
Elongation at Break	ASTM D412	%	640
Tg	DSC	°C	-30

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.