

Technical Data Sheet ---H4198

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

1. Feathers:

Forming speed block, easy demoulding, wear-resistant, high strength, high temperature resistance, suitable for various processing technology.

2. Applications

Various mobile phone covers.

3. Properties

Properties	Standard	Unit	Value
Physical Properties			
Density	ASTM D792	g/cm	1.21
Hardness	ASTM D2240	Shore A	98
	ASTM D2240	Shore D	/
Mechanical Properties			
100% Modulus	ASTM D412	Mpa	14
300% Modulus	ASTM D412	Mpa	25
Tensile Strength	ASTM D412	Mpa	42
Tear Strength	ASTM D624	KN/m	180
Elongation at Break	ASTM D412	%	480
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.