

Technical Data Sheet ---L4151

Polyester-----based ETPU (Explanded Thermoplastic Polyurethane)

1. Feathers:

Low weight, high resilience performance, and has super physical properties.

2. Applications

Shoe materials, track, children's toys, bicycle tires and other fields.

3. Properties

Properties	Standard	Unit	Value
Physical Properties			
Density	ASTM D792	g/cm	0.18
Size	--	mm	3-5
Mechanical Properties			
Rebounding	ISO8307	%	58
Compression set(50%6h,45°C)	--	%	10
Tensile Strength	ASTM D412	Mpa	1.3
Elongation at Break	ASTM D412	%	170
Tear Strength	ASTM D624	KN/m	15
Yellow Resistance(24h)	ASTM D 1148	Grade	4.5

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 3-4hous at 100-110°C is available, in a hot air circulatory, vacuum or desiccant-air dryer.

6. Environmental & Healthy & Safety

Take MSDS for reference.