

## ENDUROFLEX EGT-150

Soil Separation & Drainage & Filtration Non-wovens

4th Jan, 2015 G-Tex™ PPS are 100% Polypropylene Staple Fiber Needle-punched non-woven Geotextiles. They are characterized by a high resistance to installation damage, high water permeability and UV resistance with inhibitor.

### Mechanical Properties

( T: Typical value M: Minimum average roll value)

Properties (Standard)	Unit	PPS 150
Tensile Strength [ASTM D-4595]	M KN/m	5.5
Tensile Elongation [ASTM D-4595]	M %	50
Grab Tensile Strength [ASTM D-4632]	M N	550
Grab Elongation [ASTM D-4632]	M %	50
Trapezoidal Tear [ASTM D-4533]	M N	210
CBR Puncture [ASTM D-6241]	M N(>=)	1500
Puncture Strength [ASTM D-4833]	M N(>=)	150
Cone drop resistance (hole-Ø)[BS EN 918]	T mm	45

### Hydraulic Properties

Permeability[ASTM-D-4491]	cm/s	0.40
Apparent Opening Size (AOS) [ASTM D-4751]	mm≤	0.12

### Durability

UV Resistance (Retained@500 hours[ASTM D-4355])	%	70
Softening Point[ASTM-D-276]	°C	230

### Physical Identification Properties

Thickness [ASTM-5199] (2KP)	mm	1.2
Roll Width	m(≤)	2/3
Roll Length	m(≥)	200

The values given are average values in our laboratory and in testing institutes. The right is reserved to make changes without notice at any time.