

## Short Filament Polyester (PET) Felt

### Description

The PET felts are made from polyester (PET) spraying, needle punching and stereotyping. The high quality and durable reinforcing PET felts are used in waterproof membranes, cements, coatings. It has high strength properties with good elongation.

### Uses

As reinforcing layer for SBS/APP waterproof membrane, cements, and coatings. Impregnated with modified asphalt, the felts are widely used at roofs, underground, bridged, tunnels, roads, dams etc.

### Features

- ◆ Excellent tensile strength and elongation
- ◆ Strong tear resistance and thermal stability
- ◆ Superior impregnating and anti-puncture abilities
- ◆ Excellent corrosion and aging resistance



### Specification: GB/T18840-2002

No	Unit area weight, g/m <sup>2</sup>	140	160	180	200	280	
1	Length, m	1400	1300	1200	1100	800	
2	Tensile strength, N/5cm ≥	MD	320	350	450	500	800
		CD	280	300	400	500	800
3	Elongation at break, %	MD	20	25	30	30	40
		CD	20	25	30	30	40
4	Tear strength, N ≥	MD	60	90	140	150	200
		CD	60	90	130	140	190
5	Shrinkage at 20℃, ≤	MD	2.0				
		CD	2.0				
6	Width, mm	1020					
7	Moisture content, % ≤	0.5					
8	Permeability, % ≤	Evenly impregnating					
9	Bending resistance, R35mm	No break, no kink mark					
10	Appearance	Smooth, no phozy, no kink mark, white					