

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 ²	140	160	180	200	220	260	280	320	380	
1	Length, m	1400	1300	1200	1100	1000	900	800	800	700	
2	Thickness, mm≥	0.7-0.8	0.9-1.0	1.0-1.1	1.1-1.3	1.3-1.4	1.4-1.5	1.5-1.6	1.4-1.7	1.7-2.0	
3	Tensile strength N/5cm ≥	MD	320	380	500	550	650	800	900	1050	1100
		CD	320	350	450	500	600	800	850	1050	1100
4	Elongation at break %	MD	20	20	25	30	35	40	40	45	50
		CD	20	20	25	30	35	40	40	45	50
5	Width, mm	1020									
6	Moisture content, % ≤	1.5									
7	CV value, % ≤	8.0									
8	Shrinkage at 20°C, % ≤	1.5									
9	Bending resistance, R35mm	No break, no kink mark									
10	Appearance	Smooth, no phozy, no kink mark									