



Polyester Non-Woven Felt

Polyester felt is a synthetic, needle-punched material made from polyester fibers. Polyester felt is produced in densities and thicknesses comparable to SAE pressed wool felt. This versatile material is commonly used across various industries for applications including filtration, gaskets, wipers, and padding.

TECHNICAL DATA SHEET | EFFECTIVE 25FEB17

Non-Woven Polyester Felt 650 gsm			
PHYSICAL PROPERTY	TEST METHOD	UNIT	VALUE
Design	–	–	PET ND Black
Material Composition	–	%	97 PET 3 Carbon Black
Fiber Geometry	–	–	6D x 75mm
Mass per Unit Area (Total Weight)	ASTM D461	g/M ²	650 +/- 34
Tensile Strength			
Longitudinal (Y)	ASTM D5034	N/5cm	830 +/- 10%
Transverse (X)			880 +/- 10%
Elongation at Break			
Longitudinal (Y)	ASTM D5034	%	71 +/- 10%
Transverse (X)			75 +/- 10%
Melting Point	–	C	>250
Process Temperature	–	C	160
Flammability	FMVSS302	mm/mn	DNI
Odor Release	–		None
Shelf Life	–	–	Unlimited