



GEOMAT TECHNICAL DATA SHEET

Product: Needle Punched Non-woven Geotextile
Colour: Black
Material: Recycled Polyester
Weight: 100GSM

Cardboard core internal diameter minimum 38mm with a thickness of 2.8mm for bulk rolls and internal diameter 30mm with a thickness of 2.4mm for handy pack.

Properties	Method	Unit	Typical Values
Physical Properties			
Basic Weight	ASTM D5261	g/m ²	100
Thickness	ASTM D5199	mm	0.9
Mechanical Properties			
WWS Tensile Strength MD	ASTM D4595	kN/m	4
WWS Elongation MD		%	> 40
WWS Tensile Strength CD		kN/m	3
WWS Elongation CD		%	> 40
Grab Tensile Strength MD	ASTM D4632	N	250
Grab Elongation MD		%	> 50
Grab Tensile Strength CD		N	200
Grab Elongation CD		%	> 50
Tearing Strength MD	ASTM D4533	N	100
Tearing Strength CD		N	50
Puncture Resistance	ASTM D6241	N	800

*The above value have tolerance ±10% are from the specified test carried out by in house laboratory

*Thickness is the process of the calendering process