



Technical Data Sheet – GTF2050

Description

Non-woven Geotextile is Continuous Filament Needle punched non-woven Geotextile made from Polyester virgin material, formed by the process of needle punching and thermally bonding. It offers optimum performance per unit weight. Non-woven Geotextile provides effective and economical solution of separation, filtration, drainage, protection and reinforcement functions for engineering projects.

Physical Properties & Engineering Data

Property	Unit	GTF2050 (140gsm)
Ultimate Tensile Strength, MD	kN/m	10
Ultimate Tensile Strength, TD	kN/m	9
Grab Tensile Strength, MD	N	590
Grab Tensile Strength, TD	N	545
Grab Elongation	%	56
Trapezoid Tear Strength, MD	N	200
Trapezoid Tear Strength, TD	N	220
CBR Puncture Strength	N	1750
Apparent Opening Size (O90)	mm	0.12
Water Flow (Q100)	L/m ² /s	110
Weight	g/m ²	140
Thickness	mm	1.3
Roll Width	m	6
Roll Length	m	200