

Technical Data

Le Roi du géo non-woven geotextile is a tensile fabric made of high-strength polypropylene short yarn as raw material and formed by needle punching technology.

Le Roi du géo non-woven geotextile has excellent filtration performance, high tensile strength, and is environmentally friendly and easy to degrade. Used for road reinforcement, water conservancy project drainage, etc.

PROPERTIES	Test Method	Units	128 PP
Tensile Strength (MD/CD)	ASTM D4595	kN	6.6/6.5
Grab Tensile Strength (MD/CD)	ASTM D4632	N	545/540
Tensile Strength Elongation	ASTM D4595	%	50
Grab Elongation	ASTM D4632	%	53
CBR Puncture Resistance	ASTM D6241	N	1500
Tear Strength	ASTM D4751	N	262
Trapezoidal Break Strength (MD/CD)	ASTM D4533	N	215/210
Pore Size O90	ASTM D4751	mm	0.25
Water Flow Q100	ASTM D4491	L/min/m ²	6112
Permittivity	ASTM D4491	Sec(-1)	2.0
Peel Strength	-	N/5cm	≥85
UV resistance @500 hours	ASTM D4355	% strength retained	70
Resistance to acid, alkaline	-	%	≥90
Color:	Black/White		
Roll size:	12*360ft / 6*360ft		

Note:

1. MD: Machine direction, CD: Cross-Machine direction.
2. The table width is max width, we can according customer's requests and capacity load may be change.
3. The technical data are according to our laboratories and testing institution.

Grade 7607 (equivalent 270R)