



### 1. Definition

Made from polypropylene staple fibres, our needle punched nonwoven fabrics are characterised by high porosity , elongation and energy absorption properties which makes them ideal for subsurface drainage, filtration , separation and protection of liners.

### 2. Specifications

Properties	Test Method	Unit	PP100	PP150
<b>PHSICAL</b>				
Weight	ASTM D5261	g/m <sup>2</sup>	100	150
<b>MECHANICAL</b>				
Grab tensile strength	ASTM D4632	N	339	565
Elongation	ASTM D4632	%	50	50
Trapezoidal tear	ASTM D4533	N	125	233
CBR puncture	ASTM D6241	N	765	1,565
<b>HYDRAULIC</b>				
Apparent opening size	ASTM D4751	mm	0.31	0.21
Permittivity	ASTM D4491	sec <sup>-1</sup>	2.2	1.7
Water flow	ASTM D4491	l/min/m <sup>2</sup>	6,150	4,891
<b>PACKAGING</b>				
Roll width	-	m	3	3
Roll length	-	m	200	200

The information contained herein is , to the best of our knowledge , accurate in all material respects