



### 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	PP320
<b>PHSICAL</b>			
Weight	ASTM D5261	g/m <sup>2</sup>	320
<b>MECHANICAL</b>			
Grab tensile strength	ASTM D4632	N	1,051
Elongation	ASTM D4632	%	65
Trapezoidal tear	ASTM D4533	N	425
CBR puncture	ASTM D6241	N	2,845
<b>HYDRAULIC</b>			
Apparent opening size	ASTM D4751	mm	0.15
Permittivity	ASTM D4491	sec <sup>-1</sup>	1.2
Water flow	ASTM D4491	l/min/m <sup>2</sup>	3,455
<b>PACKAGING</b>			
Roll width	-	m	3
Roll length	-	m	100

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