

APEX GEO SOLUTIONS LTD.

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Specification - APEX PP Staple Fiber Nonwoven Geotextile

Introduction

APEX PP Staple Fiber Nonwoven Geotextile is composed of polypropylene fibers which are formed into a stable network such that the fibers retain their relative position , APEX Geotextile is inert to biological degradation and resists naturally encountered chemicals, acids and alkalis.

Applications

- Filtration
- Separation
- Drainage
- Reinforcement

Properties	Test Method	Unit	GXSf150	GXSf200	GXSf260
Tensile Strength(MD/TD)	ASTM D4595	kN/m	8	11	14
Tensile Elongation(MD/TD)	ASTM D4595	%	50	60	60
Grab Tensile Strength(MD/TD)	ASTM D4632	N	520	700	900
Grab Elongation(MD/TD)	ASTM D4632	%	50	50	60
Trapezoidal Tear Strength(MD/TD)	ASTM D4533	N	220	330	360
CBR Burst Strength	ASTM D6241	N	1700	2400	2800
Pore Size O ₉₀	ASTM D4751	µm	90	85	80
Water Flow Q ₁₀₀	ASTM D4491	L/m ² /s	160	145	140
Weight	ASTM D5261	g/m ²	150	200	260
Roll Width	--	m	3.95/5.95	3.95/5.95	3.95/5.95
Roll Length	--	m	200	100	100

Notes

- (1) MD = Machine Direction; TD = Transverse Direction;
- (2) APEX Geo Solutions reserves the right to change the product specifications at any time.
- (3) All values are MARV except where specified. All information and guidelines in this material is given in good faith but without warranty, expressed or implied with respect to the quality or fitness of the products referred to herein for any particular purpose.
- (4) Recommendations made herein refer to general use of Geo textiles. When non-standard conditions exist the company reserves the right to be consulted prior to application.