

GT500

GT500 is a black coloured fabric composed of high tenacity polypropylene yarns, which are woven into a stable network such that the yarns retain their relative position. GT500 is used to manufacture systems for engineering applications. GT500 is inert to biological degradation and resistant to naturally encountered chemicals, alkalis, and acids.

Mechanical Properties	Test Method	Unit	Characteristic Value	
			MD	CD
Wide Width Tensile Strength	ISO 10319	kN/m	70	95
Wide Width Tensile Elongation	ISO 10319	%	20	15
CBR Puncture Strength	ISO 12236	kN	8	
Drop Cone	ISO 13433	mm	6	
			Average Value	
Characteristic Opening Size	ISO 12956	mm	0.25	
Water Flow Rate	ISO 11058	l/m ² /s	20	
Abrasion Resistance	ASTM D 4886	% strength retained	70	
UV Resistance (at 500 hours)	ASTM D 4355	% strength retained	90	

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