

## CHECKMATE GTX350 Non-Woven Geotextile

Checkmate GTX350 Non-Woven series of high quality geotextiles are of 100% Polyester, continuous filament, needle punched, Non-Woven fabric with UV resistance.

PROPERTIES		TEST METHOD	UNIT	GTX350
Tensile Strength	XD	ASTM D 4595 AS3706.2.00	kN/m	20.5
	MD			29
Elongation at maximum load	XD	ASTM D 4595 AS3706.2.00	%	60
	MD			59
Grab Strength	XD	ASTM D 4632 AS2001.2.3.2	kN(>=)	1.58
	MD			2.61
Grab Elongation	XD	ASTM D 4632 AS2001.2.3.2	%	60
	MD			53
Trapezoidal Tear	XD	ASTM D 4533 AS3706.3.00	kN (>=)	0.62
	MD			0.80
Burst Strength – CBR plunger method		ASTM D 6421 AS3706.4.01	kN (>=)	3.81
Mullen Burst		ASTM D 3786	Mpa	3.91
Puncture resistance		ASTM D 4833	kN (>=)	751
Cone drop resistance (hole-Ø) Dynamic perforation diameter		BS EN 918 AS 3706.5	mm	17
<b>HYDRAULIC PROPERTIES</b>				
Flow Rate, Q <sub>100</sub>		ASTM D 4491 AS3706.7.90	L/s/m <sup>2</sup>	130
Permeability		ASTM D 4491 AS3706.7.90	cm/s	0.33
Apparent Opening Size O <sub>95</sub>		ASTM D 5741 AS3706.7.90	mm	0.10
Apparent Opening Size O <sub>90</sub>		ASTM D 5741 AS3706.7.90	mm	0.08
<b>PHYSICAL PROPERTIES</b>				
Mass/ Unit Area		ASTM D 5261	Oz/yd <sup>2</sup> g/m <sup>2</sup>	10.3 350
Thickness		ASTM D 5199	mm	3.5
Width			m	1-6
Approximately Loading quantity in 1 x 40 ft HC			Sq.m	21,600

Above values are on an average basis, the data was obtained from in-house test laboratory, National test institutes and international test institutes. Geo-Link keeps the right of data changes and the final explanation right. Liability Exclusion: This publication should not be construed as engineering advice. While information contained here is accurate to the best of our knowledge, Geo-Link does not warrant its accuracy or completeness. The only warranty made by Geo-Link for its products is set forth in our Product Test Report accompanies our shipment of the products, or such other written warranty as may be agreed by Geo-Link and customer. Geo-Link specifically disclaims all other warranties, express or implied, including without agreed by Geo-Link and customer. Geo-Link specifically disclaims all other warranties, express or implied, including without limitation, warranties of merchantability or fitness for a particular purpose, or rising from provision of samples, a course of dealing or usage of trade.

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