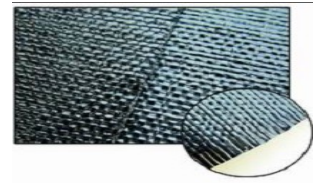


G-Text WN Range

Technical Data Sheet

GEO-LINK WN Dec.26th, 2009

G-Text WN (Polypropylene woven geotextile) is made of polypropylene flat mono filament by weaving into fabrics used for water conservancy, electric power, harbor, highway, railway construction in geotechnical engineering, etc.



Item	Unit	Specifications								Note
		WN015	WN022	WN028	WN035	WN042	WN056	WN070		
MD Tensile Strength [ASTM D 4595]	KN/m> =	20	30	40	50	60	80	100		
CD Tensile Strength [ASTM D 4595]	KN/m> =	15	22	28	35	42	56	70		
Tensile Elongation [ASTM D 4595]	% > =				28					MC/CD Average
Widths windage	%				-1.0					
CBR Puncture Resistance [ASTM D 6241]	KN>=	1.6	2.4	3.2	4.0	4.8	6.0	7.5		
Pore Size O ₉₀ (O ₉₅) [ASTM D 4751]	mm				0.08-0.5					
Vertical Permeability [ASTM D 4491]	cm/s				K x (10 ⁻¹ -10 ⁻³)					K=1.0-99
UV Resistance Strength retention [ASTM D 4355]	% > =				70(500h)					
Tear Strength [ASTM D 4533]	KN>=	0.3	0.45	0.5	0.6	0.75	1.0	1.2		MC/CD Average

Physical Identification Properties

Mass per unit area	g/m ²	120	160	200	240	280	340	400		
warp	%				± 10					
Roll Width	m(≥)	5.95	5.95	5.95	5.95	5.95	5.95	5.95		
Approx. Loading Q'ty Per 40' HQ	Sq.m	193,375	156,190	115,280	100,405	92,970	70,655	59,500		

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 arising from provision of samples, a course of dealing or usage of trade.



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