

ROCHEUX INTERNATIONAL

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PVC GEOMEMBRANE SPECIFICATIONS

Property		Test Method	Specifications								
			Min. avg		10 ± 0.50	20 ± 1.0	30 ± 1.5	40 ± 2.0	50 ± 2.5	60 ± 3.0	
Technical Properties	Thickness (mils)		ASTM D-5199	Min. avg		10 ± 0.50	20 ± 1.0	30 ± 1.5	40 ± 2.0	50 ± 2.5	60 ± 3.0
	Tensile Properties	Break Strength (lbs. / in)	ASTM D-882	Min. avg	MD	24	48	73	97	116	137
					XMD						
		Elongation (%)	ASTM D-882	Min. avg	MD	250	360	380	430	430	450
					XMD						
	100% Modulus (lbs. / in)	ASTM D-882	Min. avg	MD	10	20	30	40	50	60	
				XMD							
	Tear Strength (lbs.)		ASTM D-1004	Min. avg	MD	2.5	6.0	8.0	10.0	13.0	15.0
	Dim. Stability (%)		ASTM D-1204 (100°C 15 Min.	Max. Change	MD	4.0	4.0	3.0	3.0	3.0	3.0
Specific Gravity (g/cc)		ASTM D-792	Min.		1.20	1.20	1.20	1.20	1.20	1.20	
Low Temperature Impact		ASTM D-1790 (-29C)	50% of specimens pass at stated temp.								
Certified Properties	Water Extraction (%)		ASTM D-1239	Max.		0.15	0.15	0.15	0.20	0.20	0.20
	Volatile Loss (%)		ASTM D-1203	Max.		1.50	0.90	0.70	0.50	0.50	0.50
	Soil Burial	Break Strength (%)	ASTM G160-03	Max. Change		5	5	5	5	5	5
		Elongation (%)		Max. Change		20	20	20	20	20	20
		100% Modulus (%)		Max. Change		20	20	20	20	20	20
	Hydrostatic Resistance (psi)		ASTM D-751 METHOD A	Min.		42	68	100	120	150	180
Minimum Ave. Mol Wt of Plasticizer		ASTM D2124	Min		400	400	400	400	400	400	

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