

130 MIL NONWOVEN COMPOSITE PP

Material: Nonwoven Geotextile Composite
 Sample Identification: 10 OSY / 10 MIL / 10 OSY
 TRI Log #: E2362-62-06

PARAMETER	TEST REPLICATE NUMBER										MEAN	STD. DEV.	
	1	2	3	4	5	6	7	8	9	10			
Thickness (ASTM D 5199)													
Thickness (mils)	140	141	145	148	134	148	148	146	142	144	144	134	4 << min
Dimensional Stability (ASTM D 1204, exposure: 100C for 1 hour)													
MD Dim. Stability (% change)	-0.04	-0.04										-0.04	0.00
TD Dim. Stability (% change)	-0.63	-0.75										-0.69	0.08
Tensile Properties (ASTM D 6693/GRI GM 13 , 2 ipm strain rate,mod. For Composite material)													
A Maximum Strength (ppi)	180	180	162	144	138							161	20
B Maximum Strength (ppi)	113	93	100	107	89							100	10
A Elongation at Max Load(%)	40	42	38	36	33							38	3
B Elongation at Max. Load(%)	31	19	28	33	26							27	5
Puncture Resistance (ASTM D 4833)													
Puncture Strength (lbs)	274	283	280	247	273							272	14
Tear Resistance (ASTM D 1004,mod. For Composite material)													
MD Tear Strength (lbs)	70	62	66	73	74	67	75	60	59	67		67	6
TD Tear Strength (lbs)	53	57	53	69	57	62	61	54	68	54		59	6
Low Temperature Brittleness (ASTM D 746, NSF 54, -60C)													
MD (Pass/Fail)	Pass	Pass	Pass	Pass	Pass							100	
TD (Pass/Fail)	Pass	Pass	Pass	Pass	Pass							100	
MD Machine Direction	TD Transverse Direction												

The testing is based upon accepted industry practice as well as the test method listed. Test results reported herein do not apply to samples other than those tested. TRI neither accepts responsibility for nor makes claim as to the final use and purpose of the material. TRI observes and maintains client confidentiality. TRI limits reproduction of this report, except in full, without prior approval of TRI.



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