TECNODREN PES/RNT

1213-CPR-3738

NON-WOVEN GEOTEXTILE IN WHITE PET FIBER

EN 13249 – EN 13250 – EN 13251 – EN 13252 – EN 13253 – EN 13254 – EN 13255– EN 13257 – EN 13265

TYPE	PES/RNT 100	PES/RNT 150	PES/RNT 200	PES/RNT 300
MASS UNI EN 965 gr/mq	100 (+/- 10%)	150 (+/- 10%)	200 (+/- 10%)	300 (+/- 10%)
THIKNESS UNI EN 964/1 Mm	0,5 (+/- 0,3)	0,8 (+/- 0,3)	1,3 (+/- 0,3)	1,7 (+/- 0,5)
TENSILE STRENGTH UNI EN ISO 10319 KN/m	MD 1,5 (-0,5) CMD 2,0 (-0,5)	2,5 (-0,5) 3,0 (-0,5)	3,5 (-0,5) 4,0 (-0,5)	5,0 (-1) 6,5 (-1)
ELONGATION UNI EN ISO 10319 %	MD 35 (+/- 15%) CMD 35 (+/- 15%)	45 (+/-15%) 45 (+/-15%)	55 (+/-15%) 55 (+/-15%)	55 (+/-15%) 55 (+/-15%)
PUNCTURE TEST UNI EN ISO 12236 KN	0,35 (-0,10)	0,45 (-0,10)	0,6 (-0,1)	0,8 (-0,2)
DINAMIC PUNCTURE TEST EN ISO 13433 mm	38 (+15)	28 (+15)	20 (+15)	15
PERMEABILITY UNI EN ISO 11058 m/sec	0,12 (-0,0,03)	0,09 (-0,03)	0,08 (-0,03)	0,70 (-0,045)
DRAINING CAPACITY ON PLANE UNI EN ISO 12958 l/m²s	MD 1,5E-3 (+/-30%) CMD9,7E-3 (+/-30%)	1,9 E-3 (+/-30%) 1,5 E-3 (+/-25%)	2,3 E-3 (+/-30%) 1,4 E-3 (+/-30%9	1,4 E-3 (+/-30%) 4,9 E-4 (+/-30%)
PORE SIZE EN ISO 12956 µm	180 (+/-30)	140 (+/-20)	100 (+20)	80 (+/-15)
WEATHERING EN 12224 %	To be covered in the day of installation			
FUNCTIONS EN 12224	F + S+D+R	F + S+D+R	F + S+D+R	F + S+D+R
DURABILITY EN ISO 13438	Minimum expected durability 5 years for non reinforcement functions in 4<PH<9 ground and < 25° temperature			

NOTE:The values are obtained in internal and external laboratories with a confidence of 95%

2017

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TECNODREN PES/RNT

1213-CPR-3738

NON-WOVEN GEOTWXTILE IN WHITE PET FIBER

EN 13249 – EN 13250 – EN 13251 – EN 13252 – EN 13253 – EN 13254 – EN 13255– EN 13257 – EN 13265

TYIPE	PES/RNT 400	PES/RNT 500	PES/RNT 600	
MASS UNI EN 965 gr/mq	400 (+/- 5%)	500 (+/-5%)	600(+/-5%)	
THIKNESS UNI EN 964/1 Mm	2,3 (+/- 0,2)	2,.5 (+/-0,2)	3 (+/-0,5)	
TENSILE STRENGTH UNI EN ISO 10319 KN/m	MD 8,0 (-0,5) CMD 9,0 (-0,5)	MD 10,0 (-1) CMD 12,0 (-1)	MD 12,0 (-1) CMD 14,0 (-1)	
ELONGATION UNI EN ISO 10319 %	MD 65 (+/- 15) CMD 65 (+/- 15)	MD 70 (+/- 15) CMD 70 (+/- 15)	MD 70 (+/- 15) CMD 70 (+/- 15)	
PUNCTURE TEST UNI EN ISO 12236 KN	1,3 (-0,1)	1,6 (-0,2)	1,8 (-0,2)	
DINAMIC PUNCTURE TEST EN ISO 13433 mm	8 (+5)	7 (+5)	6 (+5)	
PERMEABILITY UNI EN ISO 11058 m/sec	0,040 (+/- 0,010)	0,035 (-0,10)	0,030 (-0,010)	
PORE SIZE EN ISO 12956 µm	45 (+/-15)	35 (+/-15)	30 (+/-15)	
WEATHERING EN 12224 %	To be covered in the day of installation			
FUNTIONS EN 12224	F + S	F + S	F + S	
DURABILITY EN ISO 13438	Minimum expected durability 5 years for non reinforcement functions in 4<PH<9 round and <25° temperature			

NOTE: The values are obtained in internal and external Laboratories with a confidence of 95%

2017

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