












TECNODREN PES/R 800		
09		
PES/R800/CPR/3738/2018-07		
Non-woven geotextile by white PET fiber		
EN 13249:2016; EN 13250:2016; EN 13251:2016; EN 13252:2016; EN 13253:2016; EN 13254:2016; EN 13255:2016; EN 13257:2016; EN 13265:2016		
		
		
		
		
Geotextile for roads, railways, embankments, foundations and support structures, drainage system, erosion control, basins and dams, canals, tunnels, waste, landfills, réservoirs applications		
Mass UNI EN 965	gr/m ²	800 (+/- 10%)
Thickness UNI EN 964/1	mm	5,0 (+/- 1,0)
Tensile strength UNI EN ISO 10319	kN/m	MD 9,5 (-2,0) CMD 10,5 (-2,5)
Elongation UNI EN ISO 10319	%	MD 85 (+/-35) CMD 85 (+/-35)
Puncture test UNI EN ISO 12236	kN	1,45 (-0,3)
Dynamic puncture test EN ISO 13433	mm	3 (+3)
Permeability UNI EN ISO 11058	m/sec	0,020 (-0,015)
Pore size EN ISO 12956	µm	35 (+/- 20)
Weathering EN 12224	%	To be covered in the day of installation
Functions EN 12224 F = filtration S = separation D = drainage R = reinforcement		F + S
Durability EN ISO 13438		Minimum expected 5 years durability for non reinforcement functions 4<pH<9 ground and <25°
 1213 09	NOTE: the values are obtained in internal and external laboratories, with confidence of 90% percentile	May 2020