












TECNODREN PES/R 100		
09		
PES/R100/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, vaste, landfills, réservoirs applications		
Mass UNI EN 965	gr/m^2	100 (+/- 15%)
Thickness UNI EN 964/1	mm	0,6 (+/- 0,2)
Tensile strength UNI EN ISO 10319	kN/m	MD 0,8 (-0,2) CMD 0,8 (-0,2)
Elongation UNI EN ISO 10319	%	MD 35 (+/-20) CMD 40 (+/-20)
Puncture test UNI EN ISO 12236	kN	0,15 (-0,05)
Dynamic puncture test EN ISO 13433	mm	> 45
Permeability UNI EN ISO 11058	m/sec	0,220 (-0,100)
Pore size EN ISO 12956	μm	100 (+/- 45)
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°
	NOTE: the values are obtained in internal and external laboratories, with confidence of 90% percentile	May 2020