












<b>TECNODREN PES/R 500</b>		
09		
PES/R500/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 <sup>2</sup>	500 (+/- 10%)
Thickness		
UNI EN 964/1	mm	3,7 (+/- 1,0)
Tensile strength		
UNI EN ISO 10319	kN/m	MD 6,0 (-1,5) CMD 6,0 (-1,5)
Elongation		
UNI EN ISO 10319	%	MD 85 (+/-35) CMD 85 (+/-35)
Puncture test		
UNI EN ISO 12236	kN	1,0 (-0,3)
Dynamic puncture test		
EN ISO 13433	mm	10 (+4)
Permeability		
UNI EN ISO 11058	m/sec	0,050 (-0,025)
Pore size		
EN ISO 12956	µm	80 (+/- 40)
Weathering		
EN 12224	%	To be covered in the day of installation
Functions		
EN 12224		F + S
F = filtration S = separation D = drainage R = reinforcement		
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