



<b>TECNODREN PES/R 300</b>		
09		
PES/R300/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	$gr/m^2$	300 (+/- 10%)
Thickness		
UNI EN 964/1	mm	2,5 (+/- 0,6)
Tensile strength		
UNI EN ISO 10319	kN/m	MD 3,0 (-1,0) CMD 3,5 (-1,0)
Elongation		
UNI EN ISO 10319	%	MD 70 (+/-35) CMD 75 (+/-35)
Puncture test		
UNI EN ISO 12236	kN	0,50 (-0,15)
Dynamic puncture test		
EN ISO 13433	mm	22 (+8)
Permeability		
UNI EN ISO 11058	m/sec	0,085 (-0,045)
Pore size		
EN ISO 12956	$\mu m$	85 (+/- 45)
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