












<b>TECNODREN PP/NT 400</b>		
09		
PP/NT400/CPR/4249/2018-07		
Non-woven geotextile by high tenacity white PP fiber		
EN 13249:2016; EN 13250:2016; EN 13251:2016; EN 13252:2016; EN 13253:2016; EN 13254:2016; EN 13255:2016; EN 13256:2016; EN 13257:2016; EN 13265:2016		
         		
Geotextile for roads, railways, embankments, foundations and support structures, drainage systems, erosion control, basins and dams, canals, tunnels, waste disposal, réservoirs applications		
Mass		
UNI EN 965	gr/m <sup>2</sup>	400 (+/- 10%)
Thickness		
UNI EN 964/1	mm	2,4 (+/- 0,3)
Tensile strength		
UNI EN ISO 10319	kN/m	MD 27,0 (-2,0) CMD 32,0 (-3,0)
Elongation		
UNI EN ISO 10319	%	MD 65 (+/-20) CMD 65 (+/-20)
Puncture test		
UNI EN ISO 12236	kN	5,0 (-0,5)
Dynamic puncture test		
EN ISO 13433	mm	8 (+3)
Pyramidal puncture test		
EN 14574	kN	750 (-75)
Permeability		
UNI EN ISO 11058	m/sec	0,025 (-0,010)
Pore size		
EN ISO 12956	µm	45 (+/- 15)
Weathering		
EN 12224	%	To be covered in 30 days from installation
Functions		
EN 12224		F + S + R + P
F = filtration S = separation R = reinforcement P = protection		
Durability		
EN ISO 13438		Minimum expected 50 years durability for non reinforcement functions 4<pH<9 ground and <25°
		NOTE: the values are obtained in internal and external laboratories, with a confidence of 90% percentile  May 2020