


<u>TECNODREN PP/N 500</u>	
10 1213-CPD-3303	
NON-WOVEN GEOTEXTILE BY HIGH TENACITY WHITE PP FIBER	
EN 13249 – EN 13250 – EN 13251 – EN 13252 – EN 13253 – EN 13254 – EN 13255 – EN 13256 – EN 13257 – EN 13265 Geotextile for roads, railways, embankments, foundations and support structures, drainage systems, erosion control, basins and dams, canals, tunnels and underground structures, waste disposal, réservoirs applications	
<u>MASS</u> UNI EN 965 gr/mq	500 (+/- 5%)
<u>THICKNESS</u> UNI EN 9863-1 mm	4,0 (+/- 0,5)
<u>TENSILE STRENGTH</u> UNI EN ISO 10319 KN/m	MD 36,0 (- 3,0) CMD 41,0 (-4,0)
<u>ELONGATION</u> UNI EN ISO 10319 %	MD 90 (+/- 20) CMD 85 (+/- 20)
<u>PUNCTURE TEST</u> UNI EN ISO 12236 KN	6,1 (-0,6)
<u>DINAMIC PUNCTURE TEST</u> EN ISO 13433 mm	7 (+2)
<u>PIRAMIDAL PUNCTURE TEST</u> EN 14574 N	860 (-80)
<u>PERMEABILITY</u> UNI EN ISO 11058 m/sec	0,020 (- 0,010)
<u>WATER FLOW IN THE PLANE</u> UNI EN ISO 12958 l/m ² s2KPa	MD 1,8 ^E -3 CMD 7,8 ^E -4
<u>PORE SIZE</u> EN ISO 12956 µm	60 (+/- 20)
<u>WEATHERING</u> EN 12224 %	TO BE COVERED IN 30 DAYS FROM INSTALLATION
<u>FUNCTIONS</u> EN 12224	F+S+P+R
<u>DURABILITY</u> EN ISO 13438	MINIMUM EXPECTED DURABILITY 25 YEARS FOR NON REINFORCEMENT FUNCTIONS 4<PH<9 GROUND AND <25° TEMPERATURE
 1213-CPD-3303	NOTE: the values are obtained in internal and External laboratories, with a confidence of 90% percentile
November 2013	