

SPECIFIC GEOGRIDS						
ARTER [®] GT M	um	35-30	60-30	100-30	150-30	200-30
mass per unit area	g/m ²	220	270	335	415	490
tensile strength MD	kN/m	40	65	105	160	210
tolerance		-5	-5	-5	-10	-10
elongation MD	%	10,0	10,0	10,0	10,0	10,0
tolerance		± 2,5	± 2,5	± 2,5	± 2,5	± 2,5
tensile strength CMD	kN/m	35	35	35	35	35
tolerance		-5	-5	-5	-5	-5
elongation CMD	%	23,0	23,0	23,0	23,0	23,0
tolerance		± 2,5	± 2,5	± 2,5	± 2,5	± 2,5
tensile at 2% MD	kN/m	8	12	20	28	46
tolerance	kN/m	-2	-2	-2	-2	-2
tensile at 2% CMD	kN/m	na	na	na	na	na
tolerance	kN/m	na	na	na	na	na
tensile at 3% MD	kN/m	11	20	28	36	65
tolerance	kN/m	-2	-2	-2	-2	-2
tensile at 3% CMD	kN/m	na	na	na	na	na
tolerance	kN/m	na	na	na	na	na
tensile at 5% MD	kN/m	19	30	47	72	104
tolerance	kN/m	-2	-3	-3	-3	-3
tensile at 5% CMD	kN/m	na	na	na	na	na
tolerance	kN/m	na	na	na	na	na
creep at 60% of tensile strength	kN/m	21	36	60	90	120
long term resistance MD	%	2				
standard mesh size	mm	30 x 30 + HDPE green gossamer				
standard yarns		MD = HIGH TENACITY POLYESTER - CMD = HDPE				
polymeric coating		NO				
roll width	m	5,3				
roll length	m	100	100	100	75	75
loading space-12m truck	m ²	25.000	20.000	15.000	15.000	15.000

With fibres different from polyester the values at 2, 3 and 5% ARE NOT VALID.

All the values are theoretical and have been got from laboratory tests averages.

Alpe Adria Textil Srl reserves for itself the right to modify, without any notice, technical and aesthetic characteristics of its products based on continuous technological evolution.