

GEOMAT DM20 – STANDARD GRADE - PROPERTIES
GEOTEXTILE CARRIER

PROPERTY	UNITS	VALUE	STANDARD
Composition			
Polymer (geotextile)		Polyethylene	
Polymer (loops)		Polypropylene	
Colour		Black	
Weight	g/m ²	480	
Mechanical Properties			
Tensile Strength (Warp)	kN/m	40	EN ISO 10319
Tensile Strength (Weft)	kN/m	35	EN ISO 10319
Elongation (Warp)	%	35	EN ISO 10319
Elongation (Weft)	%	25	EN ISO 10319
Puncture Resistance (CBR)	kN	4	EN ISO 12236
Filter Properties			
Pore Size, O ₉₀	micron	1000	NEN 5168
Durability			
UV Xenon test (50 MJ/m ²)	%	>90	ENV 12224
UV Classification	Class	D	ISO 4892-2
Thermo-oxidation resistance	Class	B	NEN 5132

GEOMAT DM20 (WITH ASPHALT)

PROPERTY	UNITS	VALUE	STANDARD
Weight	kg/m ²	20	
Permeability, K	m/s	5 x 10 ⁻³	NEN 5132

DIMENSIONS AND WEIGHTS

GEOMAT GRADE	MATTRESSES				DELIVERED ROLLS			
	Weight Kg/m ²	Width m	Length m	Area m ²	Ø Rolls m	Ø Poles m	Length Poles m	Gross Weight kg
Standard	20	4.8	20	96	0.7	0.215	5.5	2200
Standard	20	4.8	15	72	0.6	0.215	5.5	1700