

KMAT F GRASS

Year of last update:

2024

Function:

Erosion control

STRUCTURE: three dimensional, high void ratio erosion prevention geomat obtained from extruded monofilaments tangled and welded where they cross, bonded to a biodegradable pre-seeded textile

PROPERTIES			tol
Product		Geomat	
Raw material (+ UV stabilizer)		PP	
Void ratio	%	>95	±5%

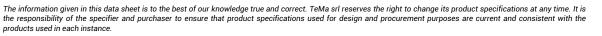
PROPERTIES OF SEEDED TEXTILE		tol		
Textile raw material		Viscose		
Textile saturation material		Seeds, fertilizer, inerts		
Thickness at 2 kPa	EN ISO 9863	mm 3 ±1		
Tensile strenght MD	EN ISO 10319	kN/m >0,6		
Extension at max load MD	EN ISO 10319	% >40		

PHYSICAL/ MECHANICAL CHARACTERISTICS				tol
Thickness at 2 kPa	EN 9863-1	mm	10	±3
Tensile strength MD	EN ISO 10319	kN/m	>1,2	
Tensile strength CMD	EN ISO 10319	kN/m	>0,25	
Extension at max load MD	EN ISO 10319	%	>50	
Extension at max load CMD	EN ISO 10319	%	>50	

STANDARD DIMENSIONS			tol
Width	m	1	-5%
Length	m	30	±5%

To be covered within one month after installation





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