



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

			<i>tol</i>
Product	Geomat		
Raw material (+ UV stabilizer)	PP		
Void ratio	%	>95	$\pm 5\%$

PROPERTIES OF SEEDED TEXTILE

			<i>tol</i>
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

			<i>tol</i>
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

			<i>tol</i>
Width	m	1	-5%
Length	m	30	$\pm 5\%$

To be covered within one month after installation



The information given in this data sheet is to the best of our knowledge true and correct. TeMa srl reserves the right to change its product specifications at any time. It is the responsibility of the specifier and purchaser to ensure that product specifications used for design and procurement purposes are current and consistent with the products used in each instance.

TeMa Technologies and Materials srl

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