



KMAT MINI L GRASS

Year of last update: **2014**

Application: **Erosion control**

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

PROPERTIES

		<i>tol</i>	
Product		Geomat	
Raw material (+ UV stabilizer)		Polypropylene	
Void ratio	%	>95	<i>±5%</i>

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 <i>±1</i>
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 ISO 9863-1	mm	10 <i>±3</i>
Tensile strength MD	EN ISO 10319	kN/m	>1,2
Tensile strength CMD	EN ISO 10319	kN/m	>0,4
Extension at max load MD	EN ISO 10319	%	>40
Extension at max load CMD	EN ISO 10319	%	>40

DIMENSIONAL CHARACTERISTICS

		<i>tol</i>	
STANDARD DIMENSIONS			
Roll width		m	2-4 <i>-5%</i>
Roll length		m	30 <i>±5%</i>
Roll area		m ²	60-120
Roll diameter		cm	40 <i>±5%</i>
Roll weight		Kg	27-54 <i>±10%</i>
Rolls/pallet		n°	9

MD: Machine direction

CMD: Cross machine direction



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TeMa Technologies and Materials srl

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