

Polymat - Erosion-Control Mats

Technical Data



TenCate Polyfelt® Polymat

TenCate Polyfelt® Polymat erosion-control mats are monofilament mats made from UV-stabilized polypropylene and polyester, with or without a synthetic reinforcing grid. Polymat has an open structure with an efficiently high voids content.

Properties <small>[Standard]</small>	Unit	810	1210	2010	2020/09	2020/20
Type of product	-	monofilament mat			monofilament mat with reinforcing grid	
Material of monofilaments	-	UV stabilized polypropylene				
Material of reinforcing grid	-	-			PP	coated PET yarns
Functional Properties						
Thickness under 2 kPa <small>[EN ISO 9863-1]</small>	mm	10	17	22	19	19
Tensile strength MD	kN/m	>1,2	>1,8	>1,8	>10	>20
Elongation <small>[EN ISO 10319]</small>	%	>50	>50	>50	15	15
Tensile strength CD	kN/m	>0,4	>0,5	>0,5	>10	>20
Elongation <small>[EN ISO 10319]</small>	%	>50	>50	>50	15	<15
Mass per unit area <small>[EN ISO 9864]</small>	g/m ²	300	500	500	600	630
Voids content	%	>95	>95	>95	>95	>95
Forms of Supply						
Rolls/palette		4	4	4	4	4
Length	m	75	40	50	30	30
Width	m	2 / 4 ²	2 / 4 ²	2 / 4 ²	2 / 4 ^{1,2}	2 / 4 ^{1,2}

1) Width of reinforcing grid = 1.95 / 3.90 m
2) on request

The values given are indicative and correspond to average results obtained in our laboratories and in testing institutes. The right is reserved to make changes without notice at any time.

TENCATE GEOSYNTHETICS AUSTRIA GMBH

Schachermayerstr. 18
A-4021 Linz, Austria
Tel. +43 732 6983 0, Fax +43 732 6983 5353
service.at@tencate.com, www.tencategeosynthetics.com

BeNeLux Tel. +31 546 544 811 service.nl@tencate.com
Central Eastern Europe Tel. +43 732 6983 0 service.at@tencate.com
Czech Republic Tel. +420 2 2425 1843 service.cz@tencate.com
France / Africa Tel. +33 1 34 23 53 63 service.fr@tencate.com
Germany Tel. +49 6074 3751 50 service.de@tencate.com
Italy Tel. +39 0362 34 58 11 service.it@tencate.com
Near Middle East Tel. +971 5048 10567 service.nme@tencate.com

Poland Tel. +48 12 268 8375 service.pl@tencate.com
Romania Tel. +40 21 322 06 08 service.ro@tencate.com
Russia / CIS Tel. +7 916 4127687 service.ru@tencate.com
Scandinavia / Baltics Tel. +45 4485 7474 service.dk@tencate.com
Spain / Portugal Tel. +34 91 650 6461 service.es@tencate.com
UK / Ireland Tel. +44 1952 588 066 service.uk@tencate.com



502 125 | 04.2013

Protective Fabrics
Outdoor Fabrics
Aerospace Composites
Armour Composites

Geosynthetics
Grass