

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	8	13	20	20	20
Tensile strength MD	kN/m	1.8	1.8	1.8	10	30
Elongation <small>[EN ISO 10319]</small>	%	85	90	150	30	25
Tensile strength CD	kN/m	1.0	1.0	1.0	10	30
Elongation <small>[EN ISO 10319]</small>	%	60	75	95	30	25
Mass per unit area <small>[EN ISO 9864]</small>	g/m ²	300	500	550	600	630
Voids content	%	90	90	90	90	90
Forms of Supply						
Length	m	75	40	50	30	30
Width	m	2 / 4	2 / 4	2 / 4	2 / 4 *	2 / 4 *

Other forms of supply are available on request.

*) Width of reinforcing grid = 1.95 / 3.90 m

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.tencate.com/geosynthetics

BeNeLux
Central Eastern Europe
Czech Republic
France / Africa
Germany
Italy
Near Middle East

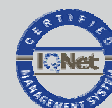
Tel. +31 546 544 811
Tel. +43 732 6983 0
Tel. +420 2 2425 1843
Tel. +33 1 34 23 53 63
Tel. +49 6074 3751 50
Tel. +39 0362 34 58 11
Tel. +971 5048 10557

service.nl@tencate.com
service.at@tencate.com
service.cz@tencate.com
service.fr@tencate.com
service.de@tencate.com
service.it@tencate.com
service.nme@tencate.com

Poland
Romania
Russia / CIS
Scandinavia / Baltics
Spain / Portugal
Switzerland
UK / Ireland

Tel. +48 12 268 8375
Tel. +40 21 322 06 08
Tel. +7 916 4127687
Tel. +45 4485 7474
Tel. +34 91 650 6461
Tel. +41 44 318 6590
Tel. +44 1952 588 066

service.pl@tencate.com
service.ro@tencate.com
service.ru@tencate.com
service.dk@tencate.com
service.es@tencate.com
service.ch@tencate.com
service.uk@tencate.com



502 125 | 02.2009

Protective Fabrics
Outdoor Fabrics
Aerospace Composites
Armour Composites

Geosynthetics
Industrial Fabrics
Grass