



## VALMEX<sup>®</sup> FR 580

HIGH-VALUE TECHNICAL TEXTILE  
FOR LIGHT-WEIGHT STRUCTURES

**Achtung!**  
Aufgrund der Reproduktion ist die Farbdarstellung nicht verbindlich  
und kann je nach Browser und Bildschirm vom Original abweichen.

**Attention!**  
By reason of reproduction colour display is not bindingly and can  
differ to original due to browser and monitor.

# VALMEX® FR 580

## Beschichtung

Coating, Spalmatura, Enduction, Покрытие

## Ausrüstung

Finish

Finissaggio

Finition

Обработка

## Bennverhalten

Flame retardancy

Comportamento alla fiamma

réaction au feu

Возгораемость

## Gesamtgewicht

Total weight

Peso totale

Poids total

Общий вес

## Reißkraft

Tensile strength

Resistenza alla trazione

Résistance rupture

Прочность на растяжение

## Kette/Schuss

warp/weft

Ordito/Trama

chaîne/trame

основа/уток

## Weiterreißfestigkeit

Tear strength

Resistenza alla lacerazione

Résistance déchirure

Прочность на разрыв

## Kette/Schuss

warp/weft

Ordito/Trama

chaîne/trame

основа/уток

## Haftfestigkeit

Adhesion

Adesione

Adhérence

Адгезия

## Temperaturbeständigkeit

Temperature resistance

Resistenza alla temperatura

Températures maximum d'utilisation

Температурный режим

## Lichtechtheit

Light fastness, Solidità alla luce,

Tenue du coloris à la lumière

Цветостойчивость

## Knickfestigkeit

Crack resistance

Resistenza alla piegatura

Résistance aux pliages

Прочность на изгиб без разрыва

## Trägermaterial

Base fabric, Tessuto di supporto

Tissu, Основа

## Breite

Width, Larghezza, Laize, ширина

# 7219 5240

## PVC

ПВХ

## beidseitig lackiert (hochglanz), fungizid, UV-geschützt

both sides lacquered, high gloss,  
fungicide, UV-protected

Laccatura lucida su entrambi i lati,

Trattamento fungicida,

Protetto contro i raggi UV

Vernis biface, brillant,

Traitement fongicide,

Protégé contre les rayons U

двустороннее гляцевое лакирование

(высокий глянец), фунгицид, УФ-защита

## D.M. 26.06.84 (UNI 9177): CL. 1

California T19

ASTM E84 Class A

NFPA 701 Test 2

NFP 92507: M2

AS 1530 part 2

AS 1530 part 3

## 580 g/m<sup>2</sup>

EN ISO 2286-2

## 17.1 oz./sq.yd.

ASTM D-751.10

## 2700 / 2900 N/5 cm

DIN EN ISO 1421/V1

## 270 / 250 lbs. / in.

ASTM D-751 Procedure B

## 300 / 300 N

DIN 53363

## 70 / 30 lbs.

ASTM D-751 (8" x 10") Specimen

## 20 N/cm

PA 09.03 (intern)

## 11 lbs. / in.

ASTM D-751 RF Weld

## -40 °C / +70 °C

DIN EN 1876-1 / LB 3.15

## -40 °F / 158 °F

ASTM D-2136 / PA 07.04 (intern)

## >6

DIN EN ISO 105 B02

ISO 105 B02

## 100.000

DIN 53359 A

## Keine Risse

No cracks

Nessuna piega

Pas de rupture

без разрывов

## 100 % PES

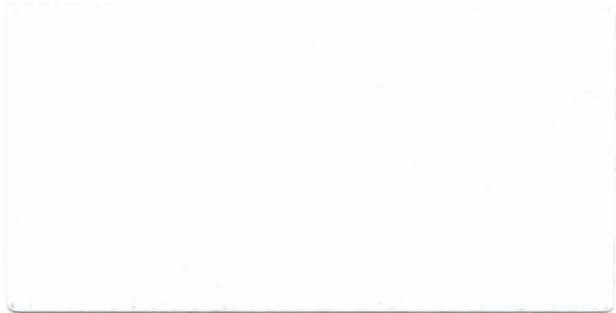
DIN ISO 2076

## 250 cm



# VALMEX® FR 580

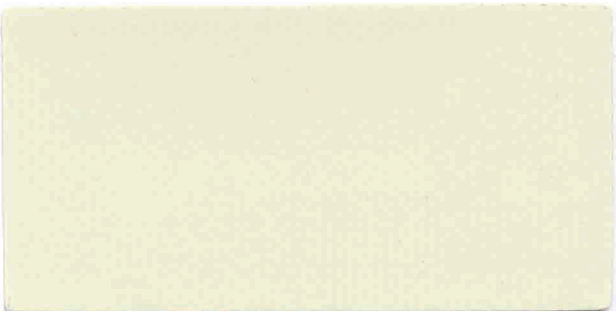
## 7219 5240



**958** bright white



**112** nature



**141** pearl white RAL 1013



**114** brilliant yellow



Our commitment to  
environmental responsibility  
and sustainability



Registration, Evaluation and  
Authorisation of Chemicals



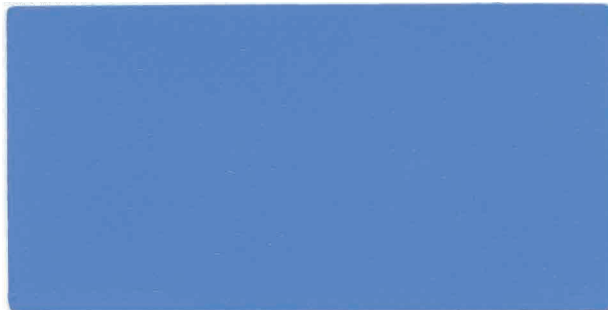
842 beige



724 bright grey



371 burgund red



517 light blue



636 dutch green



572 blue



905 black

Bei den angegebenen technischen Daten handelt es sich um Durchschnittswerte. Geringfügige Farbschwankungen vorbehalten. RAL-Farben in Anlehnung. Stets Gültigkeit der FR-Zulassung prüfen. Alle Mehler Technologies-Produkte entsprechen der EU-Verordnung REACH - Registration, Evaluation, Authorisation of Chemicals. Die Herstellung unserer technischen Textilien ist nach DIN 9001 und DIN 50001 für Energiemanagement zertifiziert. Weitere Varianten auf Anfrage, Programmänderungen vorbehalten.

The indicated technical specifications are average values. Colours are subject to slight variations. References made to RAL are indications only. Always check the validity of fire certificate. All Mehler Technologies products are in accordance with the European REACH directive - Registration, Evaluation and Authorisation of Chemicals. Manufactured in Germany under the internationally recognized standard of quality DIN 9001 and DIN 50001 for energy management. Other versions upon request, program changes reserved.

Les données techniques indiquées sont des valeurs moyennes. Sous réserve de légers changements de coloris. Coloris approchants RAL. Veuillez toujours vérifier la validité des certificats antifeu. Tous les produits Mehler technologies sont conformes à la réglementation Européenne REACH - enregistrement, évaluation et autorisation des substances chimiques. La production de nos articles est certifiée selon les normes DIN 9001 et DIN 50001 pour la gestion de l'énergie. Autres versions sur demande, sous réserve de modifications de la gamme.

Características técnicas indicadas en valores medios. Sujetas a pequeñas alteraciones del color. Referencias al RAL son solo indicativas. Siempre verificar la validez del certificado de ignición. Todos los productos de Mehler Technologies cumplen la normativa REACH - Registration, Evaluation and Authorisation of Chemicals (Registro, Evaluación y Autorización de Sustancias Químicas). La fabricación de nuestros productos esta certificada según la DIN 9001 y la DIN 50001 (para la gestión energética) Otras variantes bajo consulta. Posibles modificaciones sin previo aviso.

I dati tecnici sono la risultanza di valori medi di produzione. Sono possibili leggere variazioni di colore. I colori sono prodotti in rispondenza alla scala RAL. Verificare sempre la validità delle certificazioni. Tutti i prodotti Mehler Technologies rispondono alla normativa REACH - Registration, Evaluation and Authorisation of Chemicals. La produzione dei nostri articoli è certificata secondo le norme DIN 9001 e DIN 50001 per la gestione della prestazione energetica. Su richiesta, si possono produrre altre versioni. Modifiche della gamma sempre possibili.

Все указанные технические данные базируются на основе выявленных средних показателей. Цвета приближены к RAL. Незначительные цветовые отклонения возможны. Все продукты Mehler Technologies соответствуют ЕС директиве «REACH» - Registration, Evaluation and Authorisation of Chemicals. Производство нашей продукции сертифицировано в соответствии с DIN 9001 и DIN 50001 для управления энергопотреблением. Возможны изменения в программе.

# VALMEX® FR 580 premium 7219 5244 / 7044\*

## Beschichtung

Coating, Spalmatura, Enduction, Покрытие

## Ausrüstung

Finish

Finissaggio

Finition

Обработка

## Bennverhalten

Flame retardancy

Comportamento alla fiamma

réaction au feu

Возгораемость

## Gesamtgewicht

Total weight

Peso totale

Poids total

Общий вес

## Reißkraft

Tensile strength

Resistenza alla trazione

Résistance rupture

Прочность на растяжение

## Kette/Schuss

warp/weft

Ordito/Trama

chaîne/trame

основа/уток

## Weiterreißfestigkeit

Tear strength

Resistenza alla lacerazione

Résistance déchirure

Прочность на разрыв

## Kette/Schuss

warp/weft

Ordito/Trama

chaîne/trame

основа/уток

## Hafffestigkeit

Adhesion

Adesione

Adhérence

Адгезия

## Temperaturbeständigkeit

Temperature resistance

Resistenza alla temperatura

Températures maximum d'utilisation

Температурный режим

## Lichtechtheit

Light fastness, Solidità alla luce,

Tenue du coloris à la lumière

Цветостойчивость

## Knickfestigkeit

Crack resistance

Resistenza alla piegatura

Résistance aux pliages

Прочность на изгиб без разрыва

## Trägermaterial

Base fabric, Tessuto di supporto

Tissu, Основа

## Breite

Width, Larghezza, Laize, ширина

## PVC

ПВХ

## außen PVDF Lack, Rückseite mit Acryllack, fungizid, UV-geschützt

PVDF-lacquer on top side, inner side Acrylic, fungicide, UV-protected

Laccatura PVDF sul diritto,

Laccatura acrilica sul rovescio,

Trattamento fungicida, Protetto contro i raggi UV

Vernis PVDF face endroit, Vernis acrylique

face envers, Traitement fongicide,

Protégé contre les rayons U

PVDF лак на лицевой стороне, Обратная

сторона лак Acryl, фунгицид, УФ-защита

## D.M. 26.06.84 (UNI 9177): CL. 1

California T19

ASTM E84 Class A

NFPA 701 Test 2

NFP 92507: M2

AS 1530 part 2

AS 1530 part 3

## 580 g/m<sup>2</sup>

EN ISO 2286-2

## 17.1 oz./sq.yd.

ASTM D-751.10

## 2700 / 2900 N/5 cm

DIN EN ISO 1421/V1

## 270 / 250 lbs. / in.

ASTM D-751 Procedure B

## 300 / 300 N

DIN 53363

## 70 / 30 lbs.

ASTM D-751 (8" x 10") Specimen

## 20 N/cm

PA 09.03 (intern)

## 11 lbs. / in.

ASTM D-751 RF Weld

## -40 °C / +70 °C

DIN EN 1876-1 / LB 3.15

## -40 °F / 158 °F

ASTM D-2136 / PA 07.04 (intern)

## >6

DIN EN ISO 105 B02

ISO 105 B02

## 100.000

DIN 53359 A

## Keine Risse

No cracks

Nessuna piega

Pas de rupture

без разрывов

## 100 % PES

DIN ISO 2076

## 250 cm

\* low-wick, light colors only

\* low-wick, nur in hellen Farben

\* supporto low-wick solo nei colori chiari

\* Low-wick, seulement dans les couleurs vives

\* low-wick únicamente en colores claros

\* LOW-WICK, только в светлых цветах

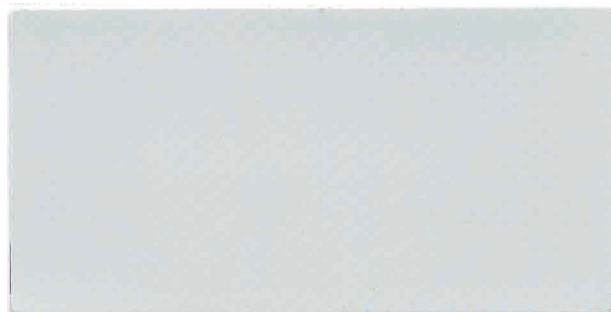




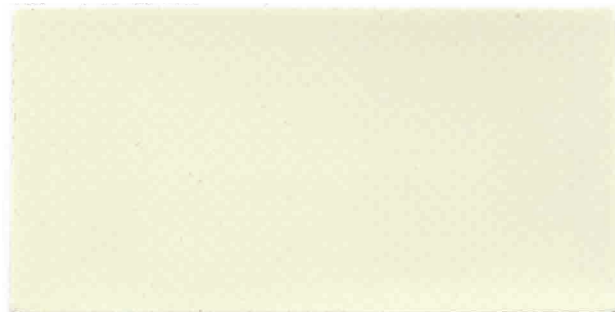
958\* bright white



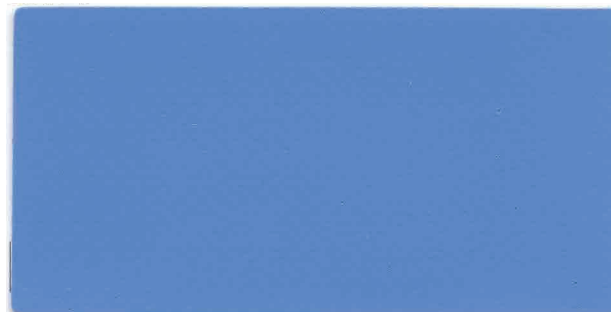
112\* nature



724 bright grey



141\* pearl white RAL 1013



517 light blue



842 beige



572 blue

\* low-wick, light colors only

\* low-wick, nur in hellen Farben

\* supporto low-wick solo nei colori chiari

\* Low-wick, seulement dans les couleurs vives

\* low-wick únicamente en colores claros

\* LOW-WICK, только в светлых цветах

Made  
in  
Germany 

# VALMEX® FR 580 premium

7219 5244 / 7219 7044\*



636 dutch green



788 dust grey, only on request



906 anthracite, only on request



905 black





### Sales companies and Sales offices

**France / Low & Bonar Lyon S.A.R.L.**  
Bât. A1, 3 chemin des Cytises  
F-69340 Francheville  
info-fr@mehler-technologies.com

**U.K. / Low & Bonar Oldham Ltd.**  
Hollinwood Business Centre  
Albert Street, Oldham,  
Lancs. OL8 3QL  
info-uk@mehler-technologies.com

**Italy / Low & Bonar Italy S.r.l.**  
Via Enrico Fermi 52/A  
I-20019 Settimo Milanese MI  
info-it@mehler-technologies.com

**Poland / Low & Bonar Poland Sp. z o.o.**  
ul. Mikołajczyka 31a  
PL-41-200 Sosnowiec  
info-pl@mehler-technologies.com

**Latvia / SIA „Low & Bonar Latvia“**  
Krustpils iela 54 E  
Rīga, LV-1057  
info-lv@mehler-technologies.com

**Romania / Low & Bonar Romania S.R.L.**  
Str. Linia de Centura Nr.2, D2  
RO-077175 Stefanesti de Jos  
(Judetul Ilfov)  
info-ro@mehler-technologies.com

**Turkey / Low and Bonar Turkey  
Teknik Tekstil Ticaret Limited Sirketi**  
Başakşehir San. Sit.  
A Blok No: 22, Başakşehir  
TR- Istanbul  
info-tr@mehler-technologies.com

**U.S.A / Low & Bonar Martinsville Inc.**  
220 B Cabell Street  
Martinsville, VA 24112  
info-usa@mehler-technologies.com

**United Arab Emirates /  
Low & Bonar Middle East Trading LLC**  
13 Sheikh Rashid Road, Al Garhoud 214  
Ithraa Tower, Office no. 803, Dubai-UAE  
info-uae@mehler-technologies.com

**India /  
Low & Bonar India Pvt. Ltd.**  
924, 9th Floor, Wave Silver Tower, Sector 18,  
Noida 201 301, UP, India  
info-in@mehler-technologies.com

**Malaysia /  
Low & Bonar South East Asia**  
Suite 20-01 & 20-02B, Level 20,  
The Pinnacle  
Persiaran Lagoon Bandar Sunway  
Subang Jaya, 47500 Malaysia  
info-mys@mehler-technologies.com

**Russia / Low & Bonar Rus OOO**  
Sadovnicheskaya embankment 79  
115035 Moscow  
info-ru@mehler-technologies.com

**Australia / Low & Bonar Office**  
PO BOX 339, Waterford West,  
Queensland 4133, Australia  
info-aus@mehler-technologies.com

**China / Low & Bonar Office**  
No.9 Xingtang West Road  
Chunjiang Zhen, New District  
213034, Changzhou, China  
info-chn@mehler-technologies.com

**China / Eusource International  
Guangzhou Office**  
R.806 Goayage, Tianyu Garden  
152 Linhe Zhong Road  
Guangzhou 510610  
info.chn@mehgies.com

### Manufacturing and sales

**Low & Bonar GmbH**  
Rheinstrasse 11  
D-41836 Hückelhoven  
info-de@mehler-technologies.com

**Low & Bonar GmbH**  
Edelzeller Strasse 44  
D-36043 Fulda  
info-de@mehler-technologies.com

**Low & Bonar Czech s.r.o.**  
Šlechtova 860  
CZ-512 51 Lomnice nad Popelkou  
info-cz@mehler-technologies.com