



FILTROZELLA SrL con Socio Unico

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Codice Fiscale e Partita IVA 10081310012 – REA n. 1104497 CCIAA TO

fibra fibre	polyester	acrylic	polyamide	m-aramid	p-aramid	polyimide	polyimide- damide	sulfar	polypro- pylene	polyvinyl	polyvinylidene fluoride	polytetrafluo- rethylene	polyether ether ketone	glass	cotton
sigla/code marchi/trade marks	PES	PAN Ricem® Dolanit®	PA	PMIA Nomex® Conex®	PPTA	PIC P84®	PAI Kermej®	PPS Procon® Torcon®	PP	PVC	PVDF	PTFE	PEEK Zyex®	GF	CO
base chimica chemical composition	polyethylene terephthalate	polyacrylo- nitrile	polyamide	meta-aramid	para-aramid	copolyimide	polyimide- damide	polyphenylene sulphide	polypropylene	polyvinyl chloride	polyvinylidene fluoride	polytetra- fluorethylene	polyether ether ketone	silica	cellulose
tipo di filati disponibili (a) yarn type (a)	SFM	SF	SFM	SF	SF	SF	S	S	SFM	SFM	M	SFM	M	SF	S
peso specifico specific gravity	1,38	1,15-1,18	1,01-1,14	1,38	1,44	1,41	1,34	1,38	0,91	1,35	1,78	2,1	1,32	2,5	1,52
assorbimento umidità moisture absorption	0,4	1-2	0,5-4	5-6	4	3	3-5	0,6	0,05	0,05	0,04	0,015	0,1	0	7-8
20°C H.R. 65%															
tenacità tenacity	4,5-7,5	2,4-6,5	4,5-7,5	5	19	3,5-4,2	4	3,0-3,5	4,5-6	3	3	1,6	45	10-15	2,5-5
cN/dtex															
allungamento elongation	11-14	17-42	15-35	18-20	3	25-35	45	25-35	35	35-40	25	15	25	2-4	5-7
%															
temperatura max continua max continuous temperature	140	130	100-110	200	200-250	260	200-220	180-190	80-90	80-90	110	240-260	250	280-300	90-100
C°															
temperatura max (punte) max temperature (peaks)	150	135-145	120	250	260	280	250	200-220	90-100	90-100	130	280	290	320	110
C°															
loi (limit oxygen index)	20	18	20-26	32	29-32	36	32	40	18	45	44	95	30	-	18
%															
resistenza chimica (B) chemical resistance (B)															
acidi forti strong acids	●●●	●●●	●	●●	●	●●	●●●	●●●●	●●●●	●●●●	●●●●	●●●●	●●●	●●●	●
acidi deboli weak acids	●●●●	●●●●	●●	●●●	●	●●●	●●●	●●●●	●●●●	●●●●	●●●●	●●●●	●●●●	●●●	●●
alcali forti strong alkalis	●	●●●	●●●	●●●	●	●●	●●	●●●●	●●●●	●●●	●●●●	●●●●	●●●●	●●	●●●
alcali deboli weak alkalis	●●	●●●	●●●●	●●●	●	●●●	●●●	●●●●	●●●●	●●●●	●●●●	●●●●	●●●●	●●●	●●●●
ossidanti oxidizing agents	●●●●	●●●	●●	●●●	●	●●●	●●●	●	●	●●●●	●●●●	●●●●	●●●●	●●●●	●●
idrolisi (calore umido) hydrolysis (moist heat)	●	●●●●	●●	●●	●	●●	●●	●●●	●●	●●●	●●●●	●●●●	●●●●	●●●	●●●
reattivi e solventi specifici delle fibre fibres specific solvents	H ₂ SO ₄ C ₂ H ₅ NO ₂ C ₂ H ₅ OH	HNO ₃ CHON(CH ₂) ₂	CH ₃ COOH HCOOH H ₂ SO ₄ C ₂ H ₅ OH	H ₂ SO ₄ STRONG ACIDS	H ₂ SO ₄	H ₂ SO ₄ NaOH	H ₂ SO ₄ NaOH	HNO ₃	HYDROCAR- BON CHLORINATED SOLVENTS	CH ₃ COOH, CHCl ₄ CS ₂	HF	F	H ₂ SO ₄	HF	H ₂ SO ₄

I dati riportati nella tabella sono desunti dalle pubblicazioni dei principali produttori di fibre. Possono essere un utile suggerimento per un orientamento generale, contattateci per informazioni più dettagliate.

(A) S: fiocco - F: filo continuo - M: monofilo
(B) ●●●●● ottima - ●●●● buona - ●●● discreta - ●● bassa.

The above information is based on fibre manufacturers' values and as such is intended for guidance only. Please contact us for more in depth details.

(A) S: staple - F: multifilament - M: monofilament
(B) ●●●●● excellent - ●●●● good - ●●● fair - ●● poor.