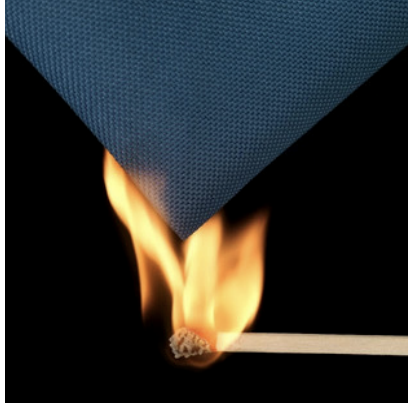




FRP is permanent **Flame Retardant Polyester** group of yarns. The **flame-retardant properties** of FRP are **preserved** over time and resist to use (**abrasion**) and maintenance (**washing, ironing, brushing**).

FRP yarns are served to customers with a large variety, meeting the demands of **home and contract sectors**.

Raw materials are kept in stocks which **enable fast deliveries** as short as one week.



BASE COLORS

There are **48 unicolors** of NAT FR.

The feed yarns are **150/72** and **75/36 FDY SD**.

FRP is produced in **hundreds of colors** and **various counts**.

FRP yarns are produced as **unicolor** or **multicolor** with **available counts** from **150 to 6000 deniers**.



**The photos might differ from the real color.
Please request the color card.*



NAT 1200/2700 Color card

NEW COLORS

There is an option to request **new colors** with the **minimum order quantity** of **2 tons per color**.

PRODUCT LIST

Group	Article	Color Uni/Multi	Main Colors	Actual Denier	Delivery Time Weeks	Cone		Jumbo Box			Box		
						Size (cm)	kg	Size (cm)	Pcs.	kg	Size (cm)	Pcs.	kg
ATY (Air Textured Yarn)	FR NAT 150	U/M	15	160	1-2 W	23D/29L	4,20	100x120x135H	80	336	50x60x30H	5	21
	FR NAT 320	U/M	49	330	1-2 W	23D/29L	4,20	100x120x135H	80	336	50x60x30H	5	21
	FR NAT 600	U/M	49	650	1-2 W	23D/29L	4,20	100x120x135H	80	336	50x60x30H	5	21
	FR NAT 1000	U/M	49	1010	1-2 W	23D/29L	4,20	100x120x135H	80	336	50x60x30H	5	21
	FR NAT 1200	U/M	49	1300	1-2 W	23D/29L	4,50	100x120x135H	80	360	50x60x30H	5	23
	FR NAT 2000	U/M	49	1980	1-2 W	23D/29L	4,20	100x120x135H	80	336	50x60x30H	5	21
	FR NAT 2000 DEGRADE	M	49	1980	1-2 W	23D/29L	3,00	100x120x135H	80	240	50x60x30H	5	15
WoolNAT	FR WoolNAT 270	U/M	49	280	2-3 W	19D/23L	1,85	100x120x135H	160	296	50x60x25H	8	15
	FR WoolNAT 390	U/M	49	375	2-3 W	19D/23L	1,85	100x120x135H	160	296	50x60x25H	8	15
	FR WoolNAT 540	U/M	49	550	2-3 W	19D/23L	1,85	100x120x135H	160	296	50x60x25H	8	15
	FR WoolNAT 760	U/M	49	760	2-3 W	19D/29L	2,10	100x120x135H	128	269	50x60x30H	8	17
	FR WoolNAT 1150	U/M	49	1120	2-3 W	19D/29L	2,10	100x120x135H	128	269	50x60x30H	8	17
	FR WoolNAT 1600	U/M	49	1540	2-3 W	19D/29L	2,10	100x120x135H	128	269	50x60x30H	8	17
FANCY / BOUCLE	FR NAT WL BLT 2100	U/M	49	2050	2-3 W	23D/23L	3,00	100x120x135H	100	300	50x60x25H	5	15
	FR NAT WL BLT 3100	U/M	49	2950	2-3 W	23D/23L	3,00	100x120x135H	100	300	50x60x25H	5	15
	FR NAT WL BLT 4100	U/M	49	3850	2-3 W	23D/23L	3,00	100x120x135H	100	300	50x60x25H	5	15
FANCY / SLUB	FR NAT MSD 165 - 660	U/M	49	165-660	2-3 W	23D/29L	4,20	100x120x135H	80	336	50x60x30H	5	21
	FR NAT SP2 165 - 485	U/M	49	165-485	2-3 W	23D/29L	3,60	100x120x135H	80	288	50x60x30H	5	18
	FR FLD 305 - 540	U/M	49	315-555	2-3 W	19D/29L	2,90	100x120x135H	128	371	50x60x30H	8	23
	FR LINATE 450	U/M	49	465	2-3 W	19D/29L	2,90	100x120x135H	128	371	50x60x30H	8	23
	FR COMO 550 - 770 - 1100	U/M	49	550-1100	2-3 W	19D/29L	2,90	100x120x135H	128	371	50x60x30H	8	23
FDY	FR 150/72 SD DD	U	49	153	Stock	36D/15L	11,00	115x115x125H	63	693	75x37x15,5H	2	22
DTY (Draw Textured Yarn)	FR 150/72 SD DD	U	49	150	1-2 W	19D/29L	3,30	100x120x135H	128	422	50x60x30H	8	26
	FR 300/144 SD DD	U/M	49	300	1-2 W	19D/29L	3,30	100x120x135H	128	422	50x60x30H	8	26
	FR 600/288 SD DD	U/M	49	600	1-2 W	19D/29L	3,30	100x120x135H	128	422	50x60x30H	8	26
SPECIAL	FR MOZAIC 340	RW	49	340	Stock	23D/29L	4,80	100x120x135H	80	384	50x60x30H	5	24

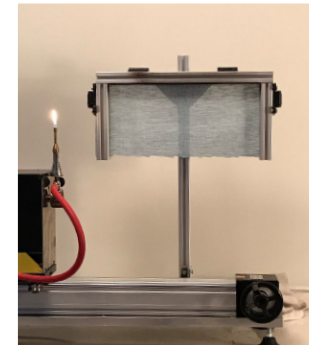
MOQ is Jumbo Box for all items
 1/2 MOQ with 0,10 Euro surcharge.
 60-80 kgs (depending yarn) 0,20 Euro Surcharge

**Please ask for special production*

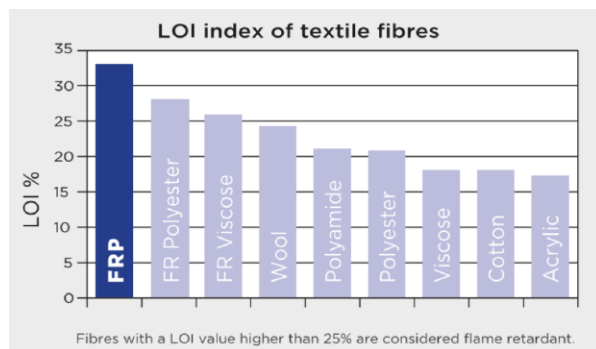
TEST METHODS

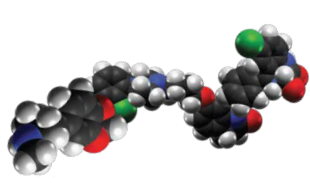
Test Standard	COUNTRY	Curtains, Drapery, Decorative Fabrics	Upholstery fabrics, Seat covers
NF P92 503-504-505	France	M1	M1
NFPA 701	U.S.A	PASSED	N/A
DIN 4102	Germany	B1	B1
BS 5852 Cigarette & Match	Great Britain	NA	PASSED (with flame retardant foam or interlayer)
BS 5867	Great Britain	PART-2 TYPE C PASSED	N/A

FRP CHARACTERISTICS		
Density	(g cm ⁻³)	1,38
Melting Point	(°C)	>220
Moisture Regain	(20 °C - 65% U.R.) (%)	0,4
Thermal Conductivity	Cal. cm ⁻² Sec ⁻¹ °C ⁻¹	2,10 - 4
Specific Heat	Cal. g ⁻¹ °C ⁻¹	0,32
Phosporus Content	> 6500 ppm	
LOI	> 30	
Tenacity	> 3 g/den (except WoolNAT and FLD series)	
Color Fastness	6, 6+ ISO EN 105 B02	



**Please ask for other FR Test Standarts.*





Permanent Flame Retardant properties are firmly anchored in the molecular chain of the FRP fiber and cannot be affected by external factors.

**All counts are in deniers.*

**We are able to conduct NF P92 502 & ISO 4589-2 Limiting Oxygen Index Tests in our laboratories.*

**We offer free tests for the fabrics of our customers.*