



### TECHNICAL DESCRIPTION

**CERTIFICATE: ISO EN 11612 A1.B1.C1.F1  
ISO EN 1149-5**

**ARTICLE NAME: NOMEX® COMFORT 153 GSM NAVY WITH WICKING FINISH**

	STANDART NO	RESULTS
COMPOSITION	TS 4739	100 % NOMEX®COMFORT E502 FROM DUPONT
WEAVE	MAGNIFYING GLASS	1/1 PLAIN
BASIC WEIGHT	TS 251	153±7 g/m2
WIDTH	DIN EN 1773	160 cm
WASHING SHRINKAGE	ISO 6330 (5A)	≤3
FASTNESS TO WASHING	DIN EN ISO 105-C01	4
VERTICAL WICKING (AT 10 MINUTES) cm	DUPONT METHOD	>8 cm
FASTNESS TO LIGHT	DIN EN ISO 105-B02	2-3
WARP TENSILE STRENGTH	ISO 13934-1	850 ± 50 N
WEFT TENSILE STRENGTH	ISO 13934-1	600 ± 50 N
WARP TEAR STRENGTH	TS EN ISO 13937-2	50 ± 10 N
WEFT TEAR STRENGTH	TS EN ISO 13937-2	40 ± 10 N
FASTNESS TO RUBBING	DIN EN ISO 105-X12	DRY;≥3/4 WET: ≥3/4
PILLING	ISO 12945-2 4000 REVS	≥3
AFTER FLAME	EN ISO 11612:2008 ISO 15025	< 1,5 sec
VERTICAL FLAME	ISO 15025 (CHAR LENGHT mm)	< 100 mm Max





### TECHNICAL DESCRIPTION

ARTICLE NAME: NOMEX C 203

	STANDART NO	RESULTS
COMPOSITION	TS 4739	100 % NOMEX® COMFORT E502 FROM DUPONT
WEAVE	MAGNIFYING GLASS	2/1 TWILL
BASIC WEIGHT	TS 251	203±7 g/m <sup>2</sup>
USABLE WIDTH	DIN EN 1773	164 cm
WASHING SHRINKAGE	ISO 6330 (5A)	≤3 %
FASTNESS TO WASHING	DIN EN ISO 105-C01	4
WATER – OIL REPELLANT	TS 259 –TS 7694	≥ 5 - 5
WATER – OIL REPELLANT AFTER 5 WASHING	TS 259 –TS 7694	≥ 4 – 4
FASTNESS TO LIGHT	DIN EN ISO 105-B02	2-3
WARP TENSILE STRENGTH	ISO 13934-1	1344N
WEFT TENSILE STRENGTH	ISO 13934-1	865N
WARP TEAR STRENGTH	TS EN ISO 13937-2	61N
WEFT TEAR STRENGTH	TS EN ISO 13937-2	63N
PILLING	ISO 12945-2 4000 REVS	2/3





### TECHNICAL DESCRIPTION

CODE : NI 920 330

ARTICLE NAME: Nomex® Grid

SPECIAL FINISHES	STANDART NO	UNIT
COMPOSITION	TS 4739	NOMEX/MODAKRILIK AT414 38/62
WEIGHT	TS 251	230 ± 3 %
WIDHT	DIN EN 1773	160 cm
WASHING SHRINKAGE(5 X 60 °C)	ISO 6330 (5A)	Warp and Weft : ± 3 %
MARTINDALE PILLING (4.000 cycles)	ISO 12945-2	≥ 4
WARP TENSILE STRENGTH	ISO 13934-1	900 N
WEFT TENSILE STRENGTH	ISO 13934-1	600 N
WARP TEAR STRENGTH	TS EN ISO 13937-2	30 N
WEFT TEAR STRENGTH	TS EN ISO 13937-2	30 N



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### TECHNICAL DESCRIPTION

CODE : NA 920 091

ARTICLE NAME : SMELTER 2

SPECIAL FINISHES	STANDART NO	UNIT
COMPOSITION	TS 4739	%75 Viskon FR %25 PA FR
DENSITY	DIN EN 1049	Warp:32±1; Weft:24±1
WEAVE	MAGNIFYING GLASS	3/1 S
WEIGHT	TS 251	300±15 g/m <sup>2</sup>
USABLE WIDHT	DIN EN 1773	160 cm
WASHING SHRINKAGE	ISO 6330 (5A)	≤3
FASTNESS TO LIGHT	DIN EN ISO 105-B02	3/4
WEFT TENSILE STRENGT	ISO 13934-1	≥650 N
WARP TENSILE STRENGTH	ISO 13934-1	≥900 N
WEFT TEAR STRENGTH	TS EN ISO 13937-2	≥30 N
WARP TEAR STRENGTH	TS EN ISO 13937-2	≥30 N
PILLING	ISO 12945-2 4000 REVS	≥3
LIMITED FLAME SPREAD	ISO 15025 (METHOD A)	A1
CONVECTIVE HEAT HTI	ISO 9151	B1
RADIANT HEAT	ISO 6942	C1
MOLTEN ALIMINIUM SPLASH	ISO 9185	D3
MOLTEN IRON SPLASH	ISO 9185	E3



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THE HEAT PROTECTION FIBER

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