

TECHNICAL REPORT

FABRIC:		32688 – Flame Retardant	
APPLICATION:		Workwear	
FABRIC DETAIL		SPECIFICATION	
Composition(UNE 40110:1994):		100% Cotton – Flame Retardant	
Texture(UNE 40017:1982 e UNE 40161:1980):		Twill 3x1	
Weight(UNE-EN 12127:1998):		260 g/m ²	
Threads(ISO 7211-5:1984):		Warp Ne16 Weft Ne12	
Density(UNE-EN 1049-2:95):		Warp 40/cm Weft 19/cm	
Width:		160 cm	
PHYSICAL CHANGE		Tests Carried Out	
Breaking strength:	Warp	UNE-EN ISO 13934-1:1999 ERRATUM 2000	1400 N
	Weft		750 N
Tear Resistance:	Warp	ASTM D 1424:2007	31 N
	Weft		27 N
Dimensional change in domestic washing and drying:	Warp	UNE-EN ISO 5077:2008+ERRATUM:2008	-0,90%
	Weft		-1,10%
Pilling:		UNE-EN ISO 12945-2:2001	4
COLOUR FASTNESS		Tests Carried Out	
Colour fastness to rubbing:	Dry	UNE-EN ISO 105-X12:2003	4-5
	Wet		3
Colour fastness to domestic and commercial laundering:	Change in colour	UNE-EN ISO 105-C06:1997+AC2009	4-5
	Staining		4-5
Colour fastness to acid perspiration:	Change in colour	UNE-EN ISO105-E04:2009+ERRATUM2009	5
	Staining		3-4
Colour fastness to alkaline perspiration:	Change in colour	UNE-EN ISO105-E04:2009+ERRATUM2009	5
	Staining		3-4
Colour fastness to artificial light:		UNE-EN ISO 105-B02:2001- Method 2	3-4
Colour fastness to bleaching with peroxide :		UNE-EN ISO 105-N02:1993	4-5
FLAME RESISTANCE		Tests carried out	
Rating (EN533):	Original Sample	EN ISO 15025:2002 – Rhoburn	3
	Sample after 5 washings to 40°C		3
The characteristics may vary within the commercial tolerances			
Washing conditions: 			