


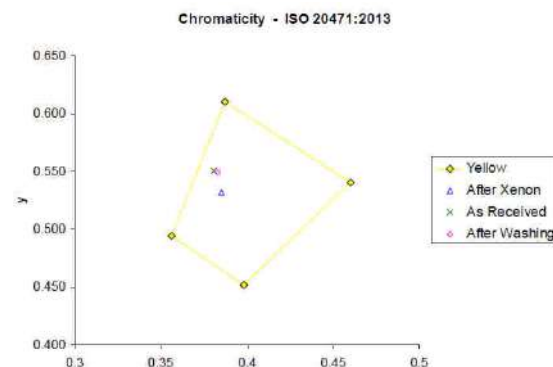
MARIQUETA – sweatshirt

Description	<ul style="list-style-type: none"> • 2 vertical reflex stripes + 2 horizontal stripes, • stretch ribbed bottom and cuff, • elasticated ribbed insert around the armhole • OEKO-TEX[®] Standard 100 		
Maintenance	<p>Maximum wash temperature: 30 °C; Do not bleach; Do not dry in a tumble dryer; Drying in the shade; Do not iron; Do not dry clean.</p> <div data-bbox="287 1120 813 1209"> </div> <div data-bbox="383 1232 686 1344"> <p>WARNING: DO NOT IRON THE REFLEX INSERTS!</p> </div>	Item	<p>V385-0-00 Yellow</p> <p>Standards: EN ISO 13688:2013</p> <div data-bbox="925 1120 1516 1388"> </div> <p>EN ISO 20471:2013/A1:2016</p> <p>EN 14058:2004</p> <p>OEKO-TEX[®] STANDARD 100</p> <p>Tested for harmful substances. www.oeko-tex.com/standard100</p> <p>Sizes S – 4XL</p>

SAFETY TECHNICAL SPECIFICATIONS

	Test method	Description	Cofra result	Minimum requirement / range
Background fabric	EN ISO 1833-1977, SECTION 10	Composition:	100% polyester	
	EN ISO 12127:1996	Fabric mass per unit area	320 g/m ²	
	EN ISO 13688 :2013 4.2 (EN 14362-1)	Search of the aromatic and carcinogenic amines	Not recording	≤30 ppm
	EN ISO 13688 :2013 4.2 (ISO 3071)	the pH's determination from the watery extract	pH=6.7	3,5 ≤pH≤ 9,5

EN ISO 20471:2013	- Chromaticity and luminance of new material	$x = 0.381$ $y = 0.550$ $\beta_{min} = 1.05$	<i>co-ord x</i> 0.387 0.356 0.398 0.460	<i>co-ord y</i> 0.610 0.494 0.452 0.540
5.1				
5.2	- Chromaticity and luminance after Xenon test	$x = 0.385$ $y = 0.532$ $\beta_{min} = 0.97$		
(ISO 105 B02)				
7.5.1	-Chromaticity and luminance after 25 washes cycles	$x = 0.383$ $y = 0.549$ $\beta_{min} = 1.02$	Minimum Luminance Factor $\beta_{min} > 0.7$	



EN ISO 20471:2013	Colour fastness to rubbing	DRY	DRY
5.3.1	Staining	4-5	4
(ISO 105-X12)			
EN ISO 20471:2013	Colour fastness to perspiration	Acidic	Alkaline
5.3.2	Colour change	4-5	4-5
(ISO 105-E04)	Staining:		Colour change: 4
	diacetate	4-5	4-5
	cotton	4-5	4-5
	nylon	4-5	4-5
	polyester	4-5	4-5
	acrylic	4-5	4-5
	wool	4-5	4-5
EN ISO 20471:2013	Colour fastness to Laundering at 40°C		Colour change: 4-5
5.3.3	Colour change	4-5	Staining: 4
(ISO 105-C06)	Staining:		
	diacetate	4	
	cotton	4-5	
	nylon	4	
	polyester	4-5	
	acrylic	4-5	
	wool	4-5	
EN ISO 20471:2013	Dimensional change to washing	warp: -2.0%	±3%
5.4.1		weft: -0.5%	
(ISO 5077)			
EN ISO 20471:2013	Hydraulic method for determination of bursting strength and bursting distension	1020 KPa	>200KPa
5.5.2			
(ISO 13938-1)			

	EN ISO 20471:2013 5.6.3 (EN 31092)	Measurement of the thermal resistance and water vapor R_{ct} [m ² K/W] R_{et} [m ² Pa/W]	$R_{ct} = 0.0789 \text{ m}^2 \text{ K/W}$ $R_{et} = 6.2 \text{ m}^2 \text{ Pa/W}$ $i_{mt} 0.76$	Index of permeability to water vapor $i_{mt} \geq 0.15$
	EN 14058 :2004 4.2 (EN 31092)	Measurement of thermal resistance under steady-state conditions	Class 1 $R_{ct} = 0.0789 \text{ m}^2 \text{ K/W}$	CLASS 1 $0.06 \leq R_{ct} < 0.12$ CLASS 2 $0.12 \leq R_{ct} < 0.18$ CLASS 3 $0.18 \leq R_{ct} < 0.25$
Ribbed fabric	EN ISO 1833-1977, SECTION 10	Composition:	100% polyester	
	EN ISO 12127:1996	Fabric mass per unit area	380 g/m ²	
	EN ISO 13688 :2013 4.2 (EN 14362-1)	Search of the aromatic and carcinogenic amines	Not recording	$\leq 30 \text{ ppm}$
	EN ISO 13688 :2013 4.2 (ISO 3071)	the pH's determination from the watery extract	pH=9.0	$3,5 \leq pH \leq 9,5$
	EN ISO 20471:2013 5.1	- Chromaticity and luminance of new material	$x = 0.385 \quad y = 0.559$ $\beta_{min} = 1.14$	<i>co-ord x</i> <i>co-ord y</i> $0.387 \quad 0.610$ $0.356 \quad 0.494$
	5.2 (ISO 105 B02)	- Chromaticity and luminance after Xenon test	$x = 0.392 \quad y = 0.544$ $\beta_{min} = 1.04$	$0.398 \quad 0.452$ $0.460 \quad 0.540$
	7.5.1	-Chromaticity and luminance after washes cycles	$x = 0.384 \quad y = 0.558$ $\beta_{min} = 1.11$	Minimum Luminance Factor $\beta_{min} > 0.7$
	EN ISO 20471:2013 5.3.1 (ISO 105-X12)	Colour fastness to rubbing <i>Staining:</i>	Dry: 4-5	Dry: <i>Staining: 4</i>
	EN ISO 20471:2013 5.3.2 (ISO 105-E04)	Colour fastness to perspiration <i>Colour change</i> <i>Staining:</i> diacetate cotton nylon polyester acrylic wool	Acidic 4-5 4-5 4-5 4-5 4-5 4-5 4-5	Alkaline 4-5 4-5 4-5 4-5 4-5 4-5 4-5
				Colour change: 4 Staining: 4
	EN ISO 20471:2013 5.3.3 (ISO 105-C06)	Colour fastness to Laundering at 40°C <i>Colour change</i> <i>Staining:</i> diacetate cotton nylon polyester acrylic wool	4-5 4-5 4 4-5 4-5 4-5 4-5	Colour change: 4-5 Staining: 4

	EN ISO 20471:2013 5.4.1 (ISO 5077)	Dimensional change to washing	warp: -0.3% weft: -0.9%	±3%
	EN ISO 20471:2013 5.5.2 (ISO 13938-1)	Hydraulic method for determination of bursting strength and bursting distension	1040 KPa	>200KPa
	EN ISO 20471 5.6.3 (EN 31092)	Water vapor resistance R_{et} [m ² Pa/W]	$R_{et} = 4.54$ [m ² Pa/W]	$R_{et} \leq 5$ [m ² Pa/W]
	ISO 12945-2	Determination of fabric propensity to surface fuzzing and to pilling	after 5 cycles after 125 cycles: 4-5 after 500 cycles: 4-5 after 1000 cycles: 4-5 after 2000 cycles: 4-5	1-5
Reflex D1001	EN ISO 20471 :2013 6.1	Retro reflective performance requirements of new material	PASS	
	EN ISO 20471 :2013 6.2	Requirements of retro reflective performance after tests for abrasion, flexion, folding at cold temperature, temperature variations, washing (25 cycles ISO 6330 at 60°C) and rain influence.	PASS	$R' \geq 100$ cd/(lx m ²)
MARIQUETA	EN ISO 20471:2013 4.1 * At least (50±10)% of the minimum area of visible background material shall be on the front part of garments	Minimum required areas of visible material in m ² Size S	Class 3 Background material front part (fluorescent) 0.43 m ² Background material back part (fluorescent) 0.44 m ² Background material total (fluorescent) 0.87 m ² Retro reflective material 0.25 m ² * Maximum areas for logos, lettering, labels, etc. 0.07 m ²	Background material CLASS 3 = 0.80m ² CLASS 2 = 0.50m ² CLASS 1 = 0.14m ² Retro reflective material CLASS 3 = 0.20 m ² CLASS 2 = 0.13 m ² CLASS 1 = 0.10 m ²