



UMBROSA®

INNOVATIVE SHADE CREATIONS

PREMIUM COLLECTION

TECHNICAL DETAILS



PROTEGE LA PIEL DE LAS QUEMADURAS SOLARES PARANDO MÁS DE 97% DE LOS RAYOS UV

PROTECTS YOUR SKIN
BLOCKS MORE THAN 97% OF UV RAYS



CLASE 1 (ARTICULOS PARA BEBÉS)
ANTI ALERGICO - POLIMERO INERTE

CLASS 1 (ARTICLES FOR BABIES)
NON ALLERGIC - INERT POLYMER



100% RECYCLABLE
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Composition	100% Olefin 'COSLAN' from POLISILK
Warp & Weft Count	500 den, solution dyed
Yarns/cm <i>Ends/Inch</i>	22 56
Picks/cm <i>Picks/inch</i>	13 33
Grams/m ² <i>Ounces/sq. yard</i>	190 5,6
Finish	Water and oil repellent Nuva®

COLOR FASTNESS

Light Fastness UNE EN ISO 105-B02:2001 Methode 2	7 – 8 (max 8)
Fastness to rubbing UNE EN ISO 105-X12:1996	4 – 5 (max 5)
Swimming Pool water fastness UNE EN ISO 105-E03:1997	5 (max 5)

PHYSICAL CHARACTERISTICS



EXCELENTE PROTECCIÓN CONTRA LA DEGRADACIÓN POR LA ACCIÓN DEL SOL.

EXCELLENT PROTECTION AGAINST SUNLIGHT DEGRADATION



COLORES TINTADOS EN MASA, OFRECIENDO GRAN SOLIDEZ. NO SE PUORE.

SOLUTION DYED COLORS OFFERS VERY GOOD COLOR STABILITY
ROT-PROOF



REPELENTE AL AGUA
WATER REPELLENT

	Warp	Weft
Breaking Strength UNE EN ISO 13934-1	1647 N	740 N
Tear Resistance UNE EN ISO 13937-3	73,9 N	43,18 N
Slippage Resistance (seam method) Pr EN ISO 13936-2	3 mm	3 mm
Abrasion Resistance UNE EN ISO 12947 (Part 1 & 2) Modificada según BS 2543:1995	20.000 cycles	
Pilling Resistance UNE EN ISO 12945-2	5 (max 5)	
Dimensional Change in Washing UNE EN 25077:1996	-0,4%	-0,3%
Spraytest UNE EN 24920	5 (max 5)	



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INNOVATIVE SHADE CREATIONS

LIMITED EDITION COLLECTION

CHARACTERISTICS	VALUES		UNITS	STANDARDS
	WARP	WEFT		

OVERALL CHARACTERISTICS

Composition	100% Sunbrella solution dyed acrylic			
Finish	Stain-resistant treatment: exclusive Glen Raven formulation. Does not contain PFOS (perfluorooctanyl sulphonate)			
Weave	Weave			ISO 7211-1
Weight	270		g/m ²	ISO 3801
Width	137		cm	EN 1773



FABRIC STRENGTH

Fire resistance	Class 1			U.F.A.C.
Oil-repellent properties	5		class /8	ISO 14419
Tensile strength	160	80	daN	ISO 13934-1
Elongation at break	30	30	%	ISO 13934-1
Tear strength	7	3.7	daN	ISO 13937-1
Stitching strength	50	50	daN	ISO 13935-1
Abrasion (Martindale)	15,000 – 25,000 depending on colour		nb cycles	ISO 12947-2
Schmerber	200		mm	ISO 811
Spray test	5		class /5	ISO 4920
Air permeability	65		l/m ² /s	ISO 9237
Stability on washing (40 °C)	-2	0	%	ISO 5077

COLOUR RESISTANCE

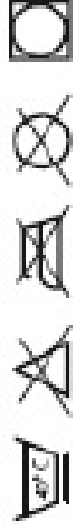
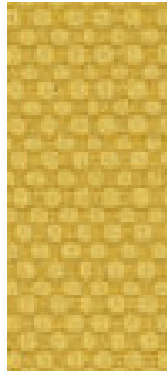
Colour fastness UV	7/8		class /8	ISO 105 B02
Colour fastness weather condition	7/8		class /8	ISO 105 B04
Colour fastness 40°C washing	5		class /5	ISO 105 C06
Colour fastness dry friction	5		class /5	ISO 105X12
Colour fastness wet friction	5		class /5	ISO 105X12





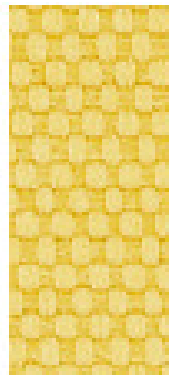
UMBRO S.A.
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Premium



Olefine 190 gr/m²

Limited Edition



Acryl 235 gr/m²