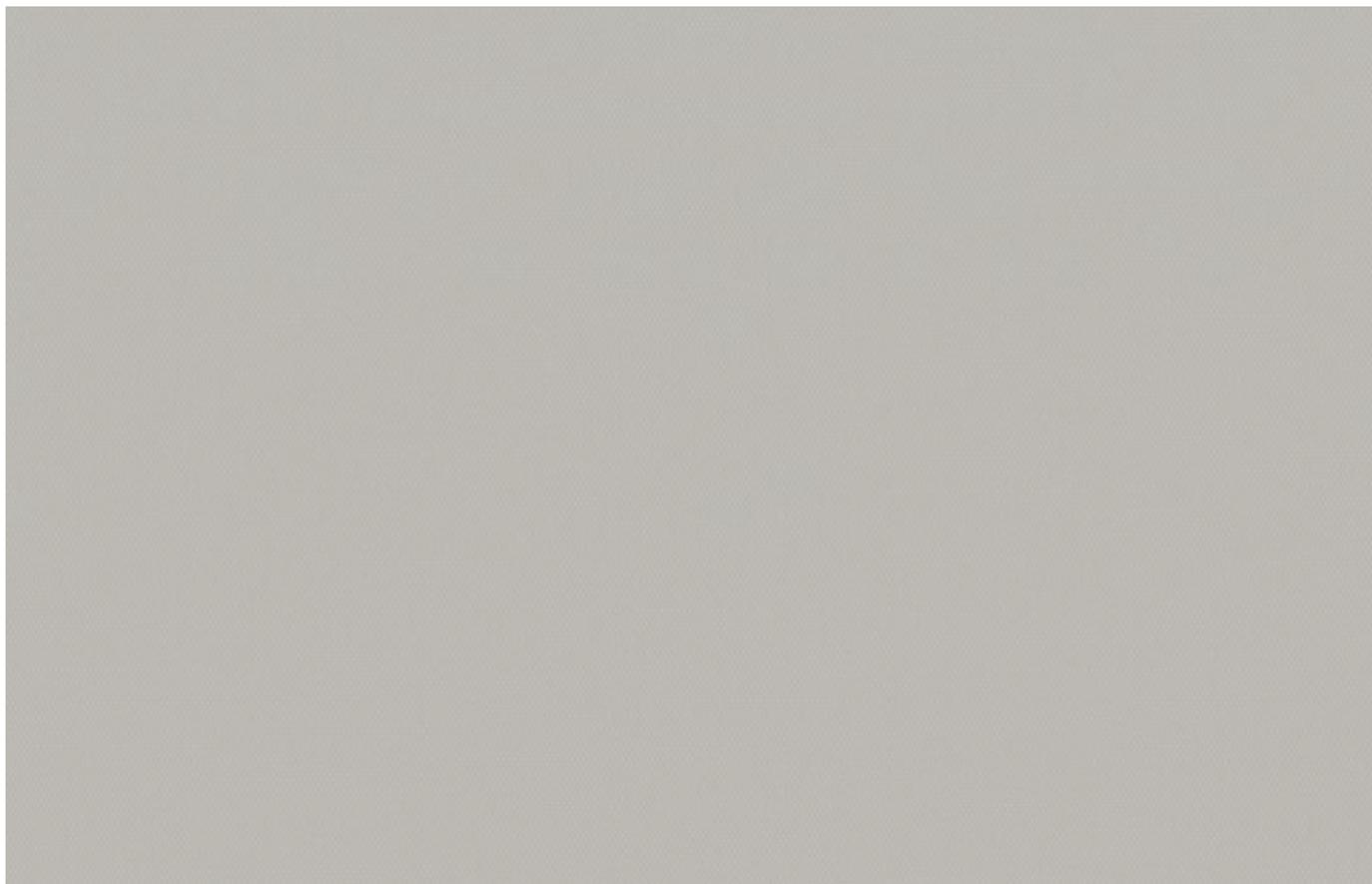# CARNIVAL &
CARNIVAL BLACKOUT

RECYCLED FLAME RETARDANT FABRICS
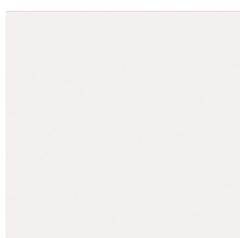
LOUVOLITE

COMMERCIAL

www.louvolitecommercial.com

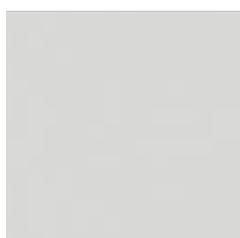# CARNIVAL | LIGHT FILTERING

LUNA

CHINA WHITE		BIRCH		LUNA		SHADOW		ANTHRACITE	
2.05m	1010910A205	2.05m	1010141A	2.05m	1010492A	2.05m	1010994A	2.05m	1010299A
2.5m	1010910A250	2.5m	1010141A250	2.5m	1010492A250	2.5m	1010994A250	2.5m	1010299A250
3m	1010910A300	3m	1010141A300	3m	1010492A300	3m	1010994A300	3m	1010299A300
89mm	1010910D	89mm	1010141D	89mm	1010492D	89mm	1010994D	89mm	1010299D
127mm	1010910B	127mm	1010141B	127mm	1010492B	127mm	1010994B	127mm	1010299B

CREAM		ECRU		PAPAYA		TAUPE		PRALINE	
2.05m	1010112A205	2.05m	1010410A205	2.05m	1010551A	2.05m	1010852A	2.05m	1010654A
2.5m	1010112A250	2.5m	1010410A250	2.5m	1010551A250	2.5m	1010852A250	2.5m	1010654A250
3m	1010112A300	3m	1010410A300	3m	1010551A300	3m	1010852A300	3m	1010654A300
89mm	1010112D	89mm	1010410D	89mm	1010551D	89mm	1010852D	89mm	1010654D
127mm	1010112B	127mm	1010410B	127mm	1010551B	127mm	1010852B	127mm	1010654B

CARNIVAL | LIGHT FILTERING

TEAL

2.05m	1010979A
2.5m	1010979A250
3m	1010979A300
89mm	1010979D
127mm	1010979B

LILY

2.05m	1010624A
2.5m	1010624A250
3m	1010624A300
89mm	1010624D
127mm	1010624B

WILLOW

2.05m	1010863A
2.5m	1010863A250
3m	1010863A300
89mm	1010863D
127mm	1010863B

KIWI

2.05m	1010466A
2.5m	1010466A250
3m	1010466A300
89mm	1010466D
127mm	1010466B

EDEN

2.05m	1010300A
2.5m	1010300A250
3m	1010300A300
89mm	1010300D
127mm	1010300B

SKY

2.05m	1010736A205
2.5m	1010736A250
3m	1010736A300
89mm	1010736D
127mm	1010736B

PACIFIC

2.05m	1010577A
2.5m	1010577A250
3m	1010577A300
89mm	1010577D
127mm	1010577B

SAPPHIRE

2.05m	1010978A
2.5m	1010978A250
3m	1010978A300
89mm	1010978D
127mm	1010978B

NAVY

2.05m	1010890A205
2.5m	1010890A250
3m	1010890A300
89mm	1010890D
127mm	1010890B

RAVEN

2.05m	1010992A205
2.5m	1010992A250
3m	1010992A300
89mm	1010992D
127mm	1010992B

PINK

2.05m	1010637A
2.5m	1010637A250
3m	1010637A300
89mm	1010637D
127mm	1010637B

BUBBLEGUM

2.05m	1010387A
2.5m	1010387A250
3m	1010387A300
89mm	1010387D
127mm	1010387B

RED

2.05m	1010238A
2.5m	1010238A250
3m	1010238A300
89mm	1010238D
127mm	1010238B

MALBEC

2.05m	1010988A
2.5m	1010988A250
3m	1010988A300
89mm	1010988D
127mm	1010988B

PURPLE

2.05m	1010899A205
2.5m	1010899A250
3m	1010899A300
89mm	1010899D
127mm	1010899B

IVORY

2.05m	1010114A205
2.5m	1010114A250
3m	1010114A300
89mm	1010114D
127mm	1010114B

NOUGAT

2.05m	1010212A
2.5m	1010212A250
3m	1010212A300
89mm	1010212D
127mm	1010212B

TERRACOTTA

2.05m	1010294A
2.5m	1010294A250
3m	1010294A300
89mm	1010294D
127mm	1010294B

SUNSET

2.05m	1010727A
2.5m	1010727A250
3m	1010727A300
89mm	1010727D
127mm	1010727B

OCHRE

2.05m	1010518A
2.5m	1010518A250
3m	1010518A300
89mm	1010518D
127mm	1010518B

3 WIDTHS
2.05m, 2.5m and 3m

RECYCLED
LIGHT FILTERING

Specifications	Carnival
Colour Range	30
Dim Out	Light Filtering
Composition	100% Recycled Polyester
Exterior Colour	Self-coloured
Roller Width	2.05m, 2.5m, 3m
Roller Roll Length	20m
Vertical Louvre Widths	89mm, 127mm
Vertical Roll Length	100m
Weight	268g/m²
Thickness	0.38mm
Blind Types	Roller, Panel, Vertical
Colour Fastness (scale of 8)	4-8 - BS EN ISO 105-B02-2014
Flammability Standard	BS 5867 Part 2 Type B, Halogen Free
Environmental Certification	OEKO-TEX® STeP, Greenshield 100% Recycled Polyester
Bacteria & Fungal Resistant	ASTM G21, Ultra-Fresh*, CoronaSafe, Pollergen - helps with hayfever relief
Cleaning	Not suitable for cleaning with a damp or wet cloth.

Carnival - Solar, Optical & Colour Fastness Properties

	Solar			Visual			UV Block	CF	DP	SC - EN 14501					Gtot				
	R_S	A_S	T_S	R_V	A_V	T_V				A	B	C	D	E	A	B	C	D	E
Anthracite	8	92	0	8	92	0	100	6	0	0.77	0.75	0.62	0.35	0.59	0.67	0.65	0.54	0.30	0.51
Birch	60	27	13	55	39	6	100	4	0	0.43	0.45	0.43	0.29	0.42	0.38	0.39	0.37	0.26	0.36
Bubblegum	57	30	13	34	63	3	100	5	0	0.45	0.47	0.44	0.30	0.43	0.39	0.41	0.38	0.26	0.37
China White	71	10	18	78	7	15	100	7	0	0.37	0.39	0.39	0.28	0.38	0.32	0.34	0.34	0.25	0.33
Cream	73	11	16	82	5	13	100	8	0	0.35	0.38	0.38	0.28	0.38	0.31	0.33	0.33	0.24	0.33
Ecru	67	17	16	69	20	11	100	8	0	0.39	0.42	0.41	0.29	0.40	0.34	0.36	0.35	0.25	0.35
Eden	37	54	9	16	84	0	100	7	0	0.58	0.58	0.51	0.32	0.49	0.51	0.51	0.45	0.28	0.43
Ivory	70	12	17	76	9	14	100	7	0	0.38	0.40	0.39	0.28	0.39	0.33	0.35	0.34	0.25	0.34
Kiwi	50	39	11	43	54	3	100	7	0	0.50	0.51	0.47	0.30	0.45	0.44	0.45	0.41	0.26	0.39
Lily	59	28	13	56	38	6	100	5	0	0.44	0.46	0.43	0.29	0.42	0.38	0.40	0.38	0.26	0.37
Luna	58	30	12	50	47	4	100	6	0	0.45	0.47	0.44	0.30	0.43	0.39	0.41	0.38	0.26	0.37
Malbec	42	47	11	9	91	0	100	7	0	0.55	0.56	0.50	0.31	0.48	0.48	0.49	0.43	0.27	0.42
Navy	33	60	8	7	93	0	100	6	0	0.61	0.61	0.53	0.32	0.51	0.53	0.53	0.46	0.28	0.44
Nougat	66	19	15	66	26	9	100	5	0	0.40	0.42	0.41	0.29	0.40	0.35	0.37	0.36	0.25	0.35
Ochre	61	24	14	63	28	9	100	6	0	0.43	0.45	0.43	0.29	0.42	0.37	0.39	0.37	0.25	0.36
Pacific	44	48	8	21	79	0	100	7	0	0.54	0.55	0.49	0.31	0.47	0.47	0.47	0.43	0.27	0.41
Papaya	65	21	14	64	28	8	100	6	0	0.40	0.43	0.41	0.29	0.40	0.35	0.37	0.36	0.25	0.35
Pink	65	21	14	56	38	6	100	6	0	0.40	0.42	0.41	0.29	0.40	0.35	0.37	0.36	0.25	0.35
Praline	26	72	2	25	74	0	100	7	0	0.64	0.64	0.55	0.33	0.53	0.56	0.56	0.48	0.28	0.46
Purple	41	50	9	9	91	0	100	6	0	0.56	0.56	0.50	0.31	0.48	0.48	0.49	0.44	0.27	0.42
Raven	5	95	0	5	95	0	100	4	0	0.79	0.77	0.63	0.35	0.60	0.68	0.67	0.55	0.30	0.52
Red	42	49	10	13	86	1	100	5	0	0.55	0.56	0.50	0.31	0.48	0.48	0.49	0.43	0.27	0.42
Sapphire	33	60	8	8	92	0	100	7	0	0.61	0.61	0.53	0.32	0.51	0.53	0.53	0.46	0.28	0.44
Shadow	27	71	2	28	72	1	100	7	0	0.64	0.64	0.55	0.33	0.53	0.56	0.56	0.48	0.28	0.46
Sky	57	31	12	46	50	3	100	7	0	0.45	0.47	0.44	0.30	0.43	0.39	0.41	0.38	0.26	0.37
Sunset	52	36	13	27	71	2	100	7	0	0.49	0.50	0.46	0.30	0.45	0.43	0.44	0.40	0.26	0.39
Taupe	46	48	6	46	51	3	100	8	0	0.52	0.53	0.48	0.31	0.46	0.45	0.46	0.42	0.27	0.40
Teal	41	50	9	21	78	0	100	5	0	0.56	0.56	0.50	0.31	0.48	0.49	0.49	0.44	0.27	0.42
Terracotta	53	36	11	34	65	1	100	5	0	0.48	0.50	0.46	0.30	0.44	0.42	0.43	0.40	0.26	0.39
Willow	55	34	11	49	47	4	100	7	0	0.47	0.48	0.45	0.30	0.44	0.41	0.42	0.39	0.26	0.38

Solar Gain: The amount of heat increase resulting from solar energy entering a room. It is the total of three separate parts - the amount of energy transmitted directly into the room, the energy which is absorbed by the blind and the proportion of energy which is absorbed by the window.
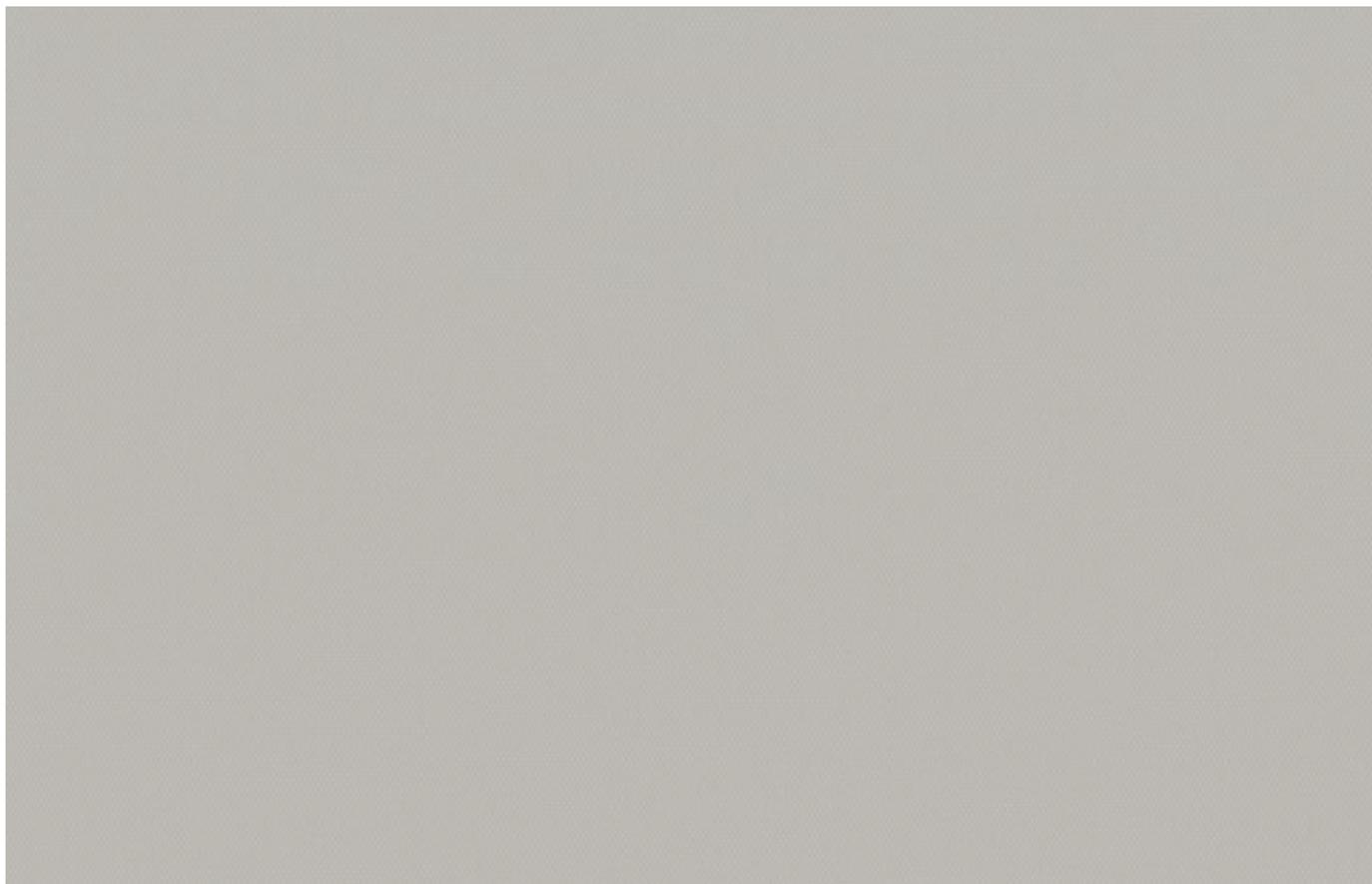
R: % of reflected heat and light.
A: % of absorbed heat and light.
T: % of transmitted heat and light.

UV Block: the % of UV light blocked by the fabric.

Colour Fastness (CF): Scale of 8, BS EN ISO 105-B02-2014.

Darkening Performance (DP): Scale of 0-4. 0: lowest opacity 4: highest. A rating of 4 indicates the product is completely opaque with no pinholes or light transfer.
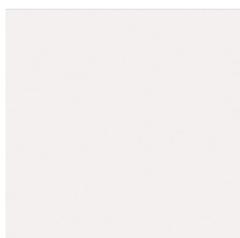
Shading Co-efficient (SC): The solar heat gain with the blind at the window divided by the solar heat gain with no blind at the window. The lower the shading co-efficient, the higher the efficiency of the fabric.

Gtot: Amount of heat entering through the glazing and shading combined.

Glazing system (EN 410)
A: Clear Single Glazing.
B: Clear Double Glazing.
C: Clear Double Glazing Low Emissivity.
D: Solar Control Double Glazing Low Emissivity.
E: Triple Glazing.
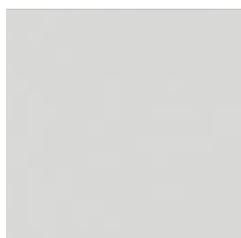
CARNIVAL BLACKOUT | SELF-COLOURED BLACKOUT

LUNA

CHINA WHITE

2.05m	1021910A
2.5m	1021910A250
3m	1021910A300
89mm	1021910D

BIRCH

2.05m	1021141A
2.5m	1021141A250
3m	1021141A300
89mm	1021141D

LUNA

2.05m	1021492A
2.5m	1021492A250
3m	1021492A300
89mm	1021492D

SHADOW

2.05m	1021994A
2.5m	1021994A250
3m	1021994A300
89mm	1021994D

ANTHRACITE

2.05m	1021299A
2.5m	1021299A250
3m	1021299A300
89mm	1021299D

CREAM

2.05m	1021112A
2.5m	1021112A250
3m	1021112A300
89mm	1021112D

ECRU

2.05m	1021410A
2.5m	1021410A250
3m	1021410A300
89mm	1021410D

PAPAYA

2.05m	1021551A
2.5m	1021551A250
3m	1021551A300
89mm	1021551D

TAUPE

2.05m	1021852A
2.5m	1021852A250
3m	1021852A300
89mm	1021852D

PRALINE

2.05m	1021654A
2.5m	1021654A250
3m	1021654A300
89mm	1021654D

CARNIVAL BLACKOUT | SELF-COLOURED BLACKOUT

TEAL

2.05m	1021979A
2.5m	1021979A250
3m	1021979A300
89mm	1021979D

LILY

2.05m	1021624A
2.5m	1021624A250
3m	1021624A300
89mm	1021624D

WILLOW

2.05m	1021863A
2.5m	1021863A250
3m	1021863A300
89mm	1021863D

KIWI

2.05m	1021466A
2.5m	1021466A250
3m	1021466A300
89mm	1021466D

EDEN

2.05m	1021300A
2.5m	1021300A250
3m	1021300A300
89mm	1021300D

SKY

2.05m	1021736A
2.5m	1021736A250
3m	1021736A300
89mm	1021736D

PACIFIC

2.05m	1021577A
2.5m	1021577A250
3m	1021577A300
89mm	1021577D

SAPPHIRE

2.05m	1021978A
2.5m	1021978A250
3m	1021978A300
89mm	1021978D

NAVY

2.05m	1021890A
2.5m	1021890A250
3m	1021890A300
89mm	1021890D

RAVEN

2.05m	1021992A
2.5m	1021992A250
3m	1021992A300
89mm	1021992D

PINK

2.05m	1021637A
2.5m	1021637A250
3m	1021637A300
89mm	1021637D

BUBBLEGUM

2.05m	1021387A
2.5m	1021387A250
3m	1021387A300
89mm	1021387D

RED

2.05m	1021238A
2.5m	1021238A250
3m	1021238A300
89mm	1021238D

MALBEC

2.05m	1021988A
2.5m	1021988A250
3m	1021988A300
89mm	1021988D

PURPLE

2.05m	1021899A
2.5m	1021899A250
3m	1021899A300
89mm	1021899D

IVORY

2.05m	1021114A
2.5m	1021114A250
3m	1021114A300
89mm	1021114D

NOUGAT

2.05m	1021212A
2.5m	1021212A250
3m	1021212A300
89mm	1021212D

TERRACOTTA

2.05m	1021294A
2.5m	1021294A250
3m	1021294A300
89mm	1021294D

SUNSET

2.05m	1021727A
2.5m	1021727A250
3m	1021727A300
89mm	1021727D

OCHRE

2.05m	1021518A
2.5m	1021518A250
3m	1021518A300
89mm	1021518D

3 WIDTHS
2.05m, 2.5m and 3m

RECYCLED
BLACKOUT

Specifications	Carnival Blackout
Colour Range	30
Dim Out	Blackout
Composition	100% Recycled Polyester
Exterior Colour	Self-coloured
Roller Width	2.05m, 2.5m, 3m
Roller Roll Length	20m
Vertical Louvre Widths	89mm
Vertical Roll Length	100m
Weight	432g/m²
Thickness	0.52mm
Blind Types	Roller, Panel, Vertical
Colour Fastness (scale of 8)	4-8 - BS EN ISO 105-B02-2014
Flammability Standard	BS 5867 Part 2 Type B, Halogen Free
Environmental Certification	OEKO-TEX® STeP, Greenshield 100% Recycled Polyester
Bacteria & Fungal Resistant	ASTM G21, Ultra-Fresh*, CoronaSafe, Pollergen - helps with hayfever relief
Cleaning	Not suitable for cleaning with a damp or wet cloth.

Carnival Blackout - Solar, Optical & Colour Fastness Properties

	Solar			Visual			UV Block	CF	DP	SC - EN 14501					Gtot				
	R_S	A_S	T_S	R_V	A_V	T_V				A	B	C	D	E	A	B	C	D	E
Anthracite	9	91	0	9	91	0	100	7	3	0.75	0.74	0.62	0.34	0.58	0.66	0.64	0.54	0.30	0.51
Birch	58	42	0	53	47	0	100	4	3	0.43	0.46	0.44	0.29	0.42	0.37	0.40	0.38	0.26	0.37
Bubblegum	54	46	0	33	67	0	100	7	3	0.46	0.48	0.45	0.30	0.44	0.40	0.42	0.39	0.26	0.38
China White	73	27	0	80	20	0	100	6	3	0.33	0.37	0.38	0.28	0.37	0.28	0.32	0.33	0.24	0.32
Cream	73	27	0	80	20	0	100	6	3	0.33	0.37	0.38	0.28	0.37	0.28	0.32	0.33	0.24	0.32
Ecru	69	31	0	67	33	0	100	6	3	0.36	0.39	0.39	0.28	0.39	0.31	0.34	0.34	0.25	0.34
Eden	34	66	0	16	84	0	100	7	3	0.59	0.60	0.53	0.32	0.50	0.51	0.52	0.46	0.28	0.44
Ivory	68	33	0	74	26	0	100	7	3	0.36	0.40	0.40	0.28	0.39	0.32	0.35	0.35	0.25	0.34
Kiwi	52	48	0	44	56	0	100	7	3	0.47	0.49	0.46	0.30	0.44	0.41	0.43	0.40	0.26	0.38
Lily	54	46	0	51	49	0	100	8	3	0.46	0.48	0.45	0.30	0.44	0.40	0.42	0.39	0.26	0.38
Luna	61	40	0	53	47	0	100	7	3	0.41	0.44	0.43	0.29	0.42	0.36	0.38	0.37	0.25	0.36
Malbec	39	62	0	9	91	0	100	6	3	0.56	0.57	0.51	0.31	0.49	0.49	0.50	0.44	0.27	0.42
Navy	14	86	0	6	94	0	100	7	3	0.72	0.71	0.60	0.34	0.57	0.63	0.62	0.52	0.30	0.49
Nougat	64	37	0	64	36	0	100	7	3	0.39	0.42	0.41	0.29	0.40	0.34	0.37	0.36	0.25	0.35
Ochre	57	43	0	60	40	0	100	6	3	0.43	0.46	0.44	0.29	0.43	0.38	0.40	0.38	0.26	0.37
Pacific	42	58	0	20	80	0	100	6	3	0.54	0.55	0.49	0.31	0.48	0.47	0.48	0.43	0.27	0.41
Papaya	58	42	0	64	36	0	100	8	3	0.43	0.46	0.44	0.29	0.42	0.37	0.40	0.38	0.26	0.37
Pink	65	36	0	58	42	0	100	5	3	0.38	0.42	0.41	0.29	0.40	0.33	0.36	0.36	0.25	0.35
Praline	27	73	0	25	75	0	100	6	3	0.64	0.64	0.55	0.33	0.53	0.56	0.56	0.48	0.28	0.46
Purple	41	60	0	9	91	0	100	8	3	0.55	0.56	0.50	0.31	0.48	0.48	0.49	0.44	0.27	0.42
Raven	4	96	0	4	96	0	100	6	3	0.79	0.77	0.64	0.35	0.60	0.69	0.67	0.55	0.30	0.52
Red	40	61	0	13	87	0	100	5	3	0.55	0.56	0.50	0.31	0.48	0.48	0.49	0.44	0.27	0.42
Sapphire	32	68	0	9	91	0	100	7	3	0.60	0.61	0.53	0.32	0.51	0.53	0.53	0.46	0.28	0.44
Shadow	30	70	0	31	69	0	100	7	3	0.62	0.62	0.54	0.32	0.52	0.54	0.54	0.47	0.28	0.45
Sky	58	42	0	46	54	0	100	7	3	0.43	0.46	0.44	0.29	0.42	0.37	0.40	0.38	0.26	0.37
Sunset	47	53	0	25	75	0	100	7	3	0.50	0.52	0.48	0.31	0.46	0.44	0.45	0.41	0.27	0.40
Taupe	46	54	0	48	52	0	100	7	3	0.51	0.53	0.48	0.31	0.46	0.44	0.46	0.42	0.27	0.40
Teal	40	60	0	22	78	0	100	6	3	0.55	0.56	0.50	0.31	0.48	0.48	0.49	0.44	0.27	0.42
Terracotta	48	52	0	30	70	0	100	7	3	0.50	0.51	0.47	0.30	0.46	0.43	0.45	0.41	0.26	0.40
Willow	52	49	0	47	53	0	100	5	3	0.47	0.49	0.46	0.30	0.45	0.41	0.43	0.40	0.26	0.39

Solar Gain: The amount of heat increase resulting from solar energy entering a room. It is the total of three separate parts - the amount of energy transmitted directly into the room, the energy which is absorbed by the blind and the proportion of energy which is absorbed by the window.

R: % of reflected heat and light.
A: % of absorbed heat and light.
T: % of transmitted heat and light.

UV Block: the % of UV light blocked by the fabric.

Colour Fastness (CF): Scale of 8, BS EN ISO 105-B02-2014.

Darkening Performance (DP): Scale of 0-4. 0: lowest opacity 4: highest. A rating of 4 indicates the product is completely opaque with no pinholes or light transfer.

Shading Co-efficient (SC): The solar heat gain with the blind at the window divided by the solar heat gain with no blind at the window. The lower the shading co-efficient, the higher the efficiency of the fabric.

Gtot: Amount of heat entering through the glazing and shading combined.

Glazing system (EN 410)
A: Clear Single Glazing.
B: Clear Double Glazing.
C: Clear Double Glazing Low Emissivity.
D: Solar Control Double Glazing Low Emissivity.
E: Triple Glazing.

RESPONSIBLE PRODUCTION FOR PEOPLE AND PLANET

Louvolite fabric production is certified Level 3 OEKO-TEX® STeP,
the highest standards for our customers complete confidence.

Environmental and chemical management

Social responsibility and fair working conditions

Safety and protection for workers

Efficiency and continuous improvement of production processes and efficient use of resources

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RECYCLED POLYESTER

4600 PLASTIC BOTTLES MAKE ONE 20 METRE ROLL OF FABRIC

Carnival and Carnival Blackout are woven entirely from post-consumer plastic bottles,
1% of which is ocean waste. The aim of recycled polyester is to reduce, re-use and recycle, creating
sustainable fabrics that contribute to a greener way of living and caring for our planet.

PRE-USED PET BOTTLES → RECYCLED → PRODUCES POLYESTER YARN → WOVEN INTO FABRICS

CONTROL UNION CERTIFIED

Global Recycled Standard

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FLAME RETARDANT HALOGEN FREE

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ANTIMICROBIAL ANTIBACTERIAL

ultra·fresh
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LOUVOLITE CORONA SAFE™ FABRICS

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HELPS WITH HAYFEVER RELIEF

VOC FREE
WITH GREENSHIELD

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