



# CARNIVAL & CARNIVAL BLACKOUT

RECYCLED FLAME RETARDANT FABRICS

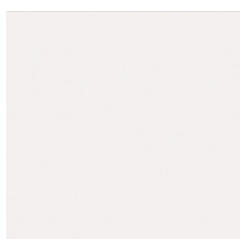
**LOUVOLITE**  
COMMERCIAL

[www.louvolitecommercial.com](http://www.louvolitecommercial.com)

# CARNIVAL | LIGHT FILTERING

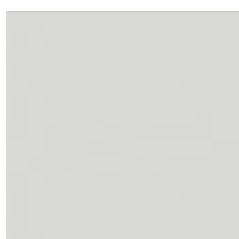


LUNA



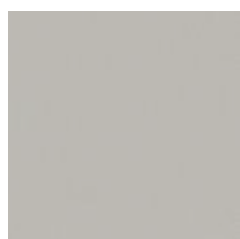
CHINA WHITE

2.05m 1010910A205  
2.5m 1010910A250  
3m 1010910A300  
89mm 1010910D  
127mm 1010910B



BIRCH

2.05m 1010141A  
2.5m 1010141A250  
3m 1010141A300  
89mm 1010141D  
127mm 1010141B



LUNA

2.05m 1010492A  
2.5m 1010492A250  
3m 1010492A300  
89mm 1010492D  
127mm 1010492B



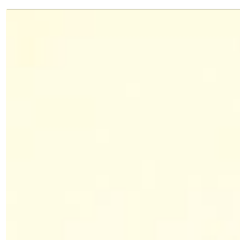
SHADOW

2.05m 1010994A  
2.5m 1010994A250  
3m 1010994A300  
89mm 1010994D  
127mm 1010994B



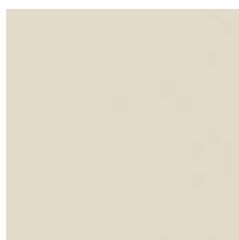
ANTHRACITE

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3m 1010299A300  
89mm 1010299D  
127mm 1010299B



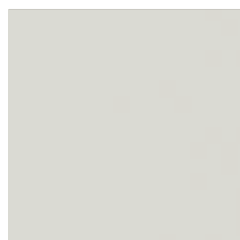
CREAM

2.05m 1010112A205  
2.5m 1010112A250  
3m 1010112A300  
89mm 1010112D  
127mm 1010112B



ECRU

2.05m 1010410A205  
2.5m 1010410A250  
3m 1010410A300  
89mm 1010410D  
127mm 1010410B



PAPAYA

2.05m 1010551A  
2.5m 1010551A250  
3m 1010551A300  
89mm 1010551D  
127mm 1010551B



TAUPE

2.05m 1010852A  
2.5m 1010852A250  
3m 1010852A300  
89mm 1010852D  
127mm 1010852B



PRALINE

2.05m 1010654A  
2.5m 1010654A250  
3m 1010654A300  
89mm 1010654D  
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



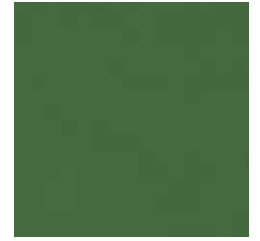
WILLOW

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89mm 1010863D  
127mm 1010863B



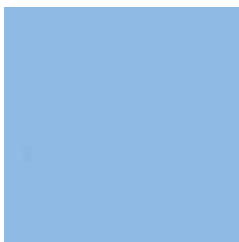
KIWI

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



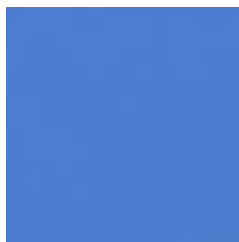
EDEN

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



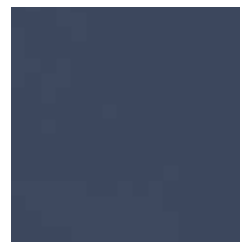
PACIFIC

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



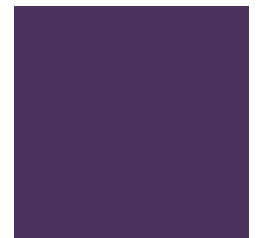
RED

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89mm 1010238D  
127mm 1010238B



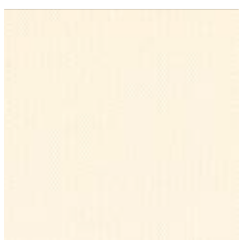
MALBEC

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



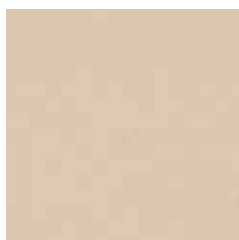
PURPLE

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



IVORY

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



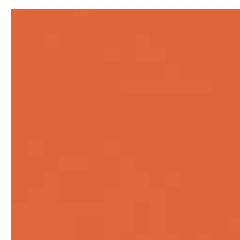
NOUGAT

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

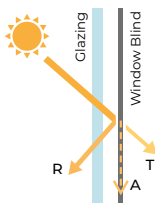
# 3 WIDTHS

2.05m, 2.5m and 3m

## RECYCLED LIGHT FILTERING

Specifications	Carnival
Colour Range	30
Dim Out	Light Filtering
Composition	100% Recycled Polyester
Exterior Colour	Same as face
Roller Width	2.05m, 2.5m, 3m
Roller Roll Length	20m
Vertical Louvre Widths	89mm, 127mm
Vertical Roll Length	100m
Weight	268g/m <sup>2</sup>
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, Visual & Colour Fastness Properties																			
	Heat/Solar			Light/Visual			UV Block	CF	DP	Shading Co-efficient					Gtot				
	R <sub>s</sub>	A <sub>s</sub>	T <sub>s</sub>	R <sub>v</sub>	A <sub>v</sub>	T <sub>v</sub>				SG	DG	DGLE	SCLE	TG	SG	DG	DGLE	SCLE	TG
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.

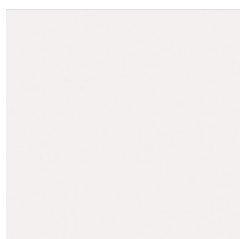
**Shading Co-efficient (EN 14501)** The solar heat gain with the blind at the window divided by the solar heat gain with no blind at the window. The lower the shading co-efficient, the higher the efficiency of the fabric.  
**Gtot:** Amount of heat entering through the glazing and shading combined.

**Glazing system (EN 410)**  
**SG:** Clear Single Glazing.  
**DG:** Clear Double Glazing.  
**DGLE:** Clear Double Glazing Low Emissivity.  
**SCLE:** Solar Control Double Glazing Low Emissivity.  
**TG:** Triple Glazing.

# CARNIVAL BLACKOUT | COLOUR BACKED BLACKOUT

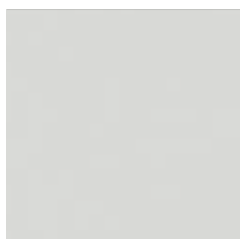


LUNA



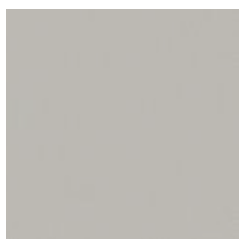
CHINA WHITE

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



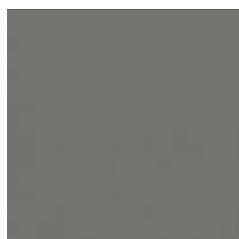
BIRCH

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



LUNA

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



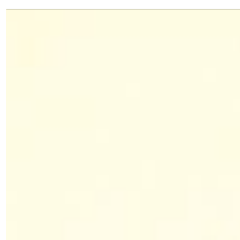
SHADOW

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



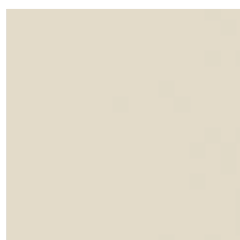
ANTHRACITE

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



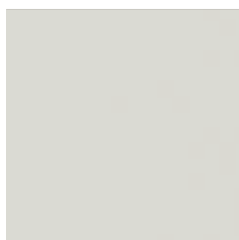
CREAM

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



ECRU

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



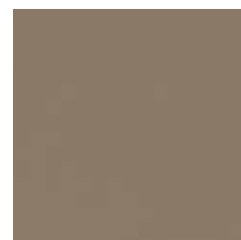
PAPAYA

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 | COLOUR BACKED 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



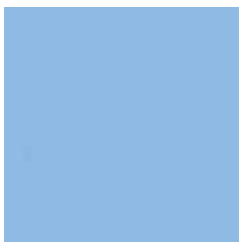
KIWI

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



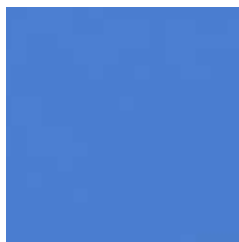
EDEN

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



SKY

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



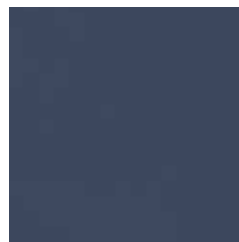
PACIFIC

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



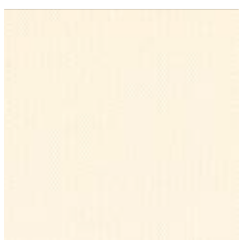
MALBEC

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



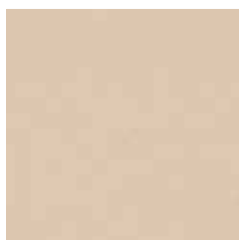
PURPLE

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



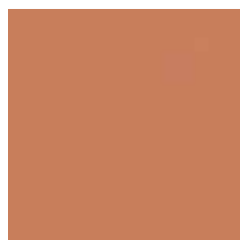
IVORY

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



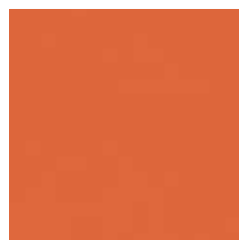
NOUGAT

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



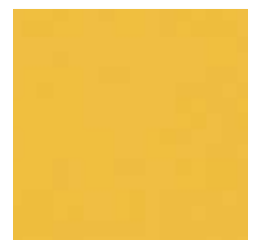
TERRACOTTA

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

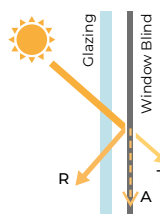
2.05m, 2.5m and 3m

## RECYCLED BLACKOUT

Specifications	Carnival Blackout
Colour Range	30
Dim Out	Blackout
Composition	100% Recycled Polyester
Exterior Colour	Colour matched to face
Roller Width	2.05m, 2.5m, 3m
Roller Roll Length	20m
Vertical Louvre Widths	89mm
Vertical Roll Length	100m
Weight	432g/m <sup>2</sup>
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.

\*Ultra-Fresh is a registered trademark of Microban Products Company. For the most up-to-date information view the online pdf at [www.louvolitecommercial.com](http://www.louvolitecommercial.com)

Carnival Blackout   Solar, Visual & Colour Fastness Properties																			
	Heat/Solar			Light/Visual			UV Block	CF	DP	Shading Co-efficient					Gtot				
	R <sub>s</sub>	A <sub>s</sub>	T <sub>s</sub>	R <sub>v</sub>	A <sub>v</sub>	T <sub>v</sub>				SG	DG	DGLE	SCLE	TG	SG	DG	DGLE	SCLE	TG
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.  
**Please note:** Blackout fabric does not create total darkness. As a blind, there will be lightstrike around the blind edges.

**Shading Co-efficient (EN 14501) (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.  
**Ctot:** Amount of heat entering through the glazing and shading combined.

**Glazing system (EN 410)**  
**SG:** Clear Single Glazing.  
**DG:** Clear Double Glazing.  
**DGLE:** Clear Double Glazing Low Emissivity.  
**SCLE:** Solar Control Double Glazing Low Emissivity.  
**TG:** 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



## 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.



# CARNIVAL & CARNIVAL BLACKOUT



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