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Sample book  
of packaging papers

Vzorník  
balicích papírů



# LUKAWHITE STAR

**mix of bleached virgin pulps**  
(80% long fibres, 20% short fibres)

**100% bleached virgin**  
**one side glazed - MG**

**bags production**  
**consumer goods packaging**  
**waxing**  
**crepe papers production**  
**direct contact with moist**  
**and fatty foodstuffs**

## Basic description

grammage	18 - 80 g/m <sup>2</sup>
trimmed width	2 670 / 3 120 mm
reels width	300 - 3 120 mm
outer reels Ø	600 - 1 200 mm
core inner Ø	70, 76, 100, 152 mm
sheet sizes	350 x 300 mm - 1 350 x 1 350 mm
small rolls, bags, four color flexo print	



## Technical specifications

Properties		Test method		Typical values		
Basis weight	g/m <sup>2</sup>	ISO 536		20	30	50
Tensile strength	kN/m	ISO 1924-2	MD CD	0,99 0,56	1,86 0,82	3,13 1,47
Breaking length	km	ISO 1924-2	MD CD	5,2 2,9	6,2 2,9	6,3 2,9
Tear	mN	ISO 1974	MD CD	-	300 414	488 661
Burst (Müllen)	kPa	ISO 2758		46	95	152
Sizing test Cobb-60"	g/m <sup>2</sup>	ISO 535		14	17	20
Permeability (Gurley)	s	ISO 5636-5		2,7	17,5	24,7
Thickness	µm	ISO 534		38	55	83
Brightness min.	%	ISO 2470-2		80	80	80

MD - machine direction CD - cross direction

# LUKAWHITE FLEX

**mix of bleached virgin pulps**  
(50% long fibres, 50% short fibres)

**100% bleached virgin**  
**one side glazed - MG**

**bags production**  
**consumer goods packaging**  
**ALU or PE lamination/coating**  
**waxing**

**direct contact with moist**  
**and fatty foodstuffs**

## Basic description

grammage	18 - 60 g/m <sup>2</sup>
trimmed width	2 670 / 3 120 mm
reels width	300 - 3 120 mm
outer reels Ø	600 - 1 200 mm
core inner Ø	70, 76, 100, 152 mm
sheet sizes	350 x 300 mm - 1 350 x 1 350 mm
small rolls, bags, four color flexo print	



## Technical specifications

Properties		Test method		Typical values			
Basis weight	g/m <sup>2</sup>	ISO 536		18	25	35	60
Tensile strength	kN/m	ISO 1924-2	MD CD	0,93 0,53	1,30 0,73	1,99 0,94	3,57 1,60
Breaking length	km	ISO 1924-2	MD CD	5,5 3,0	5,5 3,1	6,0 3,0	6,6 2,9
Tear	mN	ISO 1974	MD CD	-	196 247	314 421	667 897
Burst (Müllen)	kPa	ISO 2758		41	62	93	174
Sizing test Cobb-60"	g/m <sup>2</sup>	ISO 535		13	15	20	21
Permeability (Gurley)	s	ISO 5636-5		2,8	8,1	16,3	24,8
Thickness	µm	ISO 534		35	45	60	97
Brightness min.	%	ISO 2470-2		80	80	80	80

MD - machine direction CD - cross direction

# LUKAWHITE CLASSIC

**mix of bleached virgin pulps**  
(15% long fibres, 85% short fibres)

**100% bleached virgin  
one side glazed - MG**

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**bags production  
consumer goods packaging  
sheets**

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**direct contact with moist  
and fatty foodstuffs**

LWC

## Basic description

grammage	18 - 60 g/m <sup>2</sup>
trimmed width	2 670 / 3 120 mm
reels width	300 - 3 120 mm
outer reels Ø	600 - 1 200 mm
core inner Ø	70, 76, 100, 152 mm
sheet sizes	350 x 300 mm - 1 350 x 1 350 mm
small rolls, bags, four color flexo print	



## Technical specifications

Properties		Test method		Typical values			
Basis weight	g/m <sup>2</sup>	ISO 536		18	22	25	35
Tensile strength	kN/m	ISO 1924-2	MD CD	0,73 0,60	1,04 0,62	1,11 0,65	1,96 0,94
Breaking length	km	ISO 1924-2	MD CD	4,2 3,1	5,4 3,2	5,5 3,2	5,7 2,8
Tear	mN	ISO 1974	MD CD	- -	- -	220 279	339 460
Burst (Müllen)	kPa	ISO 2758		42	54	55	110
Sizing test Cobb-60"	g/m <sup>2</sup>	ISO 535		12	14	15	19
Permeability (Gurley)	s	ISO 5636-5		2,6	6,1	6,3	21,8
Thickness	µm	ISO 534		35	42	46	61
Brightness min.	%	ISO 2470-2		80	80	80	80

MD - machine direction CD - cross direction

# LUKAWHITE ALPHA

**mix of bleached virgin pulp  
and bleached recycled fibres**  
(up to 100% bleached recycled fibres)

**partly bleached recycled  
one side glazed - MG**

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**bags production  
consumer goods packaging  
sheets**

**direct contact with moist  
and fatty foodstuffs**

LWA

## Basic description

grammage	18 - 60 g/m <sup>2</sup>
trimmed width	2 670 / 3 120 mm
reels width	300 - 3 120 mm
outer reels Ø	600 - 1 200 mm
core inner Ø	70, 76, 100, 152 mm
sheet sizes	350 x 300 mm - 1 350 x 1 350 mm
small rolls, bags, four color flexo print	



## Technical specifications

Properties		Test method		Typical values			
Basis weight	g/m <sup>2</sup>	ISO 536		18	22	30	40
Tensile strength	kN/m	ISO 1924-2	MD CD	0,94 0,50	0,99 0,57	1,63 0,75	2,28 0,95
Breaking length	km	ISO 1924-2	MD CD	4,5 2,8	4,8 2,8	5,5 2,7	5,5 2,7
Tear	mN	ISO 1974	MD CD	-	-	319 429	367 584
Burst (Müllen)	kPa	ISO 2758		53	59	80	111
Sizing test Cobb-60"	g/m <sup>2</sup>	ISO 535		15	14	18	17
Permeability (Gurley)	s	ISO 5636-5		2,7	4,3	16,4	27,5
Thickness	µm	ISO 534		36	41	61	72
Brightness min.	%	ISO 2470-2		75	75	75	75

MD - machine direction CD - cross direction

# LUKAWHITE BETA

mix of virgin bleached  
and approx. 80% bleached recycled fibres

partly bleached recycled  
one side glazed - MG

bags production  
consumer goods packaging  
sheets

direct food contact

## Basic description

grammage	25 - 60 g/m <sup>2</sup>
trimmed width	2 670 / 3 120 mm
reels width	300 - 3 120 mm
outer reels Ø	600 - 1 200 mm
core inner Ø	70, 76, 100, 152 mm
sheet sizes	350 x 300 mm - 1 350 x 1 350 mm
small rolls, bags, four color flexo print	



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## Technical specifications

Properties		Test method		Typical values			
Basis weight	g/m <sup>2</sup>	ISO 536		25	35	40	45
Tensile strength	kN/m	ISO 1924-2	MD CD	1,10 0,60	1,69 0,76	2,04 0,90	3,01 1,33
Breaking length	km	ISO 1924-2	MD CD	4,6 2,4	5,1 2,4	5,3 2,4	6,2 3,0
Tear	mN	ISO 1974	MD CD	230 305	324 459	400 557	464 551
Burst (Müllen)	kPa	ISO 2758		56	79	93	143
Sizing test Cobb-60"	g/m <sup>2</sup>	ISO 535		18	23	20	20
Permeability (Gurley)	s	ISO 5636-5		8,8	20,1	26,8	44,7
Thickness	µm	ISO 534		48	64	70	76
Brightness min.	%	ISO 2470-2		72	72	72	72

MD - machine direction CD - cross direction

# HAVANA LIGHT

recycled  
one side glazed - MG

bags production  
industrial packaging

direct food contact

recycled pulps  
(100% bleached recycled fibres)

## Basic description

grammage	30 - 60 g/m <sup>2</sup>
trimmed width	2 670 / 3 120 mm
reels width	300 - 3 120 mm
outer reels Ø	600 - 1 200 mm
core inner Ø	70, 76, 100, 152 mm
sheet sizes	350 x 300 mm - 1 350 x 1 350 mm
small rolls, bags, four color flexo print	



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HVDS

## Technical specifications

Properties		Test method		Typical values			
Basis weight	g/m <sup>2</sup>	ISO 536		32	35	40	45
Tensile strength	kN/m	ISO 1924-2	MD CD	1,45 0,67	1,51 0,67	1,94 0,86	2,33 0,97
Breaking length	km	ISO 1924-2	MD CD	4,7 2,2	4,8 2,1	5,0 2,2	5,3 2,3
Tear	mN	ISO 1974	MD CD	242 346	265 391	370 567	413 602
Burst (Müllen)	kPa	ISO 2758		61	67	86	102
Sizing test Cobb-60"	g/m <sup>2</sup>	ISO 535		31	23	28	32
Permeability (Gurley)	s	ISO 5636-5		10,5	11,0	15,1	20,0
Thickness	µm	ISO 534		59	68	72	74
Brightness min.	%	ISO 2470-2		67	67	67	67

MD - machine direction CD - cross direction

# HAVANA EKO

recycled  
one side glazed - MG  
industrial packaging  
direct food contact

recycled pulps  
(100% bleached recycled fibres)

## Basic description

grammage	25 - 50 g/m <sup>2</sup>
trimmed width	2 670 / 3 120 mm
reels width	300 - 3 120 mm
outer reels Ø	600 - 1 200 mm
core inner Ø	70, 76, 100, 152 mm
sheet sizes	350 x 300 mm - 1 350 x 1 350 mm
small rolls, bags, four color flexo print	



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HVDE

## Technical specifications

Properties		Test method		Typical values			
Basis weight	g/m <sup>2</sup>	ISO 536		25	30	40	45
Tensile strength	kN/m	ISO 1924-2	MD CD	1,08 0,48	1,27 0,67	1,70 0,73	2,06 0,97
Breaking length	km	ISO 1924-2	MD CD	4,1 1,9	4,4 2,2	4,4 2,0	4,7 2,3
Tear	mN	ISO 1974	MD CD	-	-	-	-
Burst (Müllen)	kPa	ISO 2758		42	60	76	88
Sizing test Cobb-60"	g/m <sup>2</sup>	ISO 535		18	21	23	19
Permeability (Gurley)	s	ISO 5636-5		11,4	15,6	24,0	27,3
Thickness	µm	ISO 534		52	58	68	79
Brightness min.	%	ISO 2470-2		53	53	53	53

MD - machine direction CD - cross direction



# LUKABAL ISO /W

partly recycled  
one side glazed - MG

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food and industrial packaging

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direct food contact

**mix of bleached virgin,  
bleached and unbleached recycled fibres  
(up to 20% recycled fibres)**

## Basic description

grammage	25 - 60 g/m <sup>2</sup>
trimmed width	2 670 / 3 120 mm
reels width	300 - 3 120 mm
outer reels Ø	600 - 1 200 mm
core inner Ø	70, 76, 100, 152 mm
sheet sizes	350 x 300 mm - 1 350 x 1 350 mm
small rolls, bags, four color flexo print	



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## Technical specifications

Properties		Test method		Typical values			
Basis weight	g/m <sup>2</sup>	ISO 536				25	60
Tensile strength	kN/m	ISO 1924-2	MD CD			1,25 0,65	2,96 1,35
Breaking length	km	ISO 1924-2	MD CD			5,0 2,5	5,1 2,3
Tear	mN	ISO 1974	MD CD			237 301	617 848
Burst (Müllen)	kPa	ISO 2758				60	132
Sizing test Cobb-60"	g/m <sup>2</sup>	ISO 535				14	23
Permeability (Gurley)	s	ISO 5636-5				5,2	12,0
Thickness	µm	ISO 534				48	100

MD - machine direction CD - cross direction

# LUKABROWN CLASSIC

100% unbleached pulp

100% unbleached  
one side glazed - MG

bags production  
shopping bags production  
food packaging

direct food contact

## Basic description

grammage 25 - 60 g/m<sup>2</sup>

trimmed width 2 670 / 3 120 mm

reels width 300 - 3 120 mm

outer reels Ø 600 - 1 200 mm

core inner Ø 70, 76, 100, 152 mm

sheet sizes 350 x 300 mm - 1 350 x 1 350 mm

small rolls, bags, four color flexo print



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## Technical specifications

Properties		Test method		Typical values		
Basis weight	g/m <sup>2</sup>	ISO 536		25	30	60
Tensile strength	kN/m	ISO 1924-2	MD CD	1,42 0,75	2,21 0,93	4,04 1,85
Breaking length	km	ISO 1924-2	MD CD	6,0 3,2	7,5 3,2	7,7 3,5
Tear	mN	ISO 1974	MD CD	168 232	227 300	574 762
Burst (Müllen)	kPa	ISO 2758		71	99	208
Sizing test Cobb-60"	g/m <sup>2</sup>	ISO 535		17	19	26
Permeability (Gurley)	s	ISO 5636-5		8	9,4	15,6
Thickness	µm	ISO 534		49	56	103

# LUKABROWN ALPHA /M

**mix of brown virgin  
pulp and post-industrial waste  
(60% unbleached pulp, 40% recycled fibres)**

**partly recycled unbleached  
one side glazed - MG**

**bags production  
consumer goods packaging  
shopping bags (recycled) PE**

**direct food contact**

## Basic description

grammage	22 - 60 g/m <sup>2</sup>
trimmed width	2 670 / 3 120 mm
reels width	300 - 3 120 mm
outer reels Ø	600 - 1 200 mm
core inner Ø	70, 76, 100, 152 mm
sheet sizes	350 x 300 mm - 1 350 x 1 350 mm
small rolls, bags, four color flexo print	



## Technical specifications

Properties		Test method		Typical values			
Basis weight	g/m <sup>2</sup>	ISO 536		25	35	40	50
Tensile strength	kN/m	ISO 1924-2	MD CD	1,22 0,64	2,06 0,87	2,41 1,01	3,22 1,40
Breaking length	km	ISO 1924-2	MD CD	5,1 2,6	6,1 2,6	6,3 2,7	6,6 3,0
Tear	mN	ISO 1974	MD CD	215 248	312 406	358 464	455 582
Burst (Müllen)	kPa	ISO 2758		60	93	112	149
Sizing test Cobb-60"	g/m <sup>2</sup>	ISO 535		18	20	21	25
Permeability (Gurley)	s	ISO 5636-5		5,1	18,8	20,5	32,0
Thickness	µm	ISO 534		48	62	71	84

# LUKABROWN ALPHA

**mix of brown virgin  
pulp and post-industrial waste**  
(40% unbleached pulp, 60% recycled fibres)

**partly recycled unbleached  
one side glazed - MG**

**bags production  
consumer goods packaging  
food wrapping  
shopping bags (recycled)**

**direct food contact**

## Basic description

grammage 25 - 130 g/m<sup>2</sup>

trimmed width 2 670 / 3 120 mm

reels width 300 - 3 120 mm

outer reels Ø 600 - 1 200 mm

core inner Ø 70, 76, 100, 152 mm

sheet sizes 350 x 300 mm - 1 350 x 1 350 mm

small rolls, bags, four color flexo print



## Technical specifications

Properties		Test method		Typical values			
Basis weight	g/m <sup>2</sup>	ISO 536		35	50	80	120
Tensile strength	kN/m	ISO 1924-2	MD CD	1,88 0,83	2,85 1,31	4,31 2,34	6,55 3,49
Breaking length	km	ISO 1924-2	MD CD	5,6 2,5	5,8 2,7	5,5 3,0	5,5 3,0
Tear	mN	ISO 1974	MD CD	285 331	438 510	751 850	1296 1547
Burst (Müllen)	kPa	ISO 2758		85	134	205	306
Sizing test Cobb-60"	g/m <sup>2</sup>	ISO 535		23	25	25	27
Permeability (Gurley)	s	ISO 5636-5		30,3	40,7	43,1	40,1
Thickness	µm	ISO 534		66	86	132	190

# LUKABROWN GAMMA

100% unbleached recycled fibres

recycled unbleached  
one side glazed - MG

bags production  
goods packaging  
food wrapping  
shopping bags

direct food contact

## Basic description

grammage 24 - 120 g/m<sup>2</sup>

trimmed width 2 670 / 3 120 mm

reels width 300 - 3 120 mm

outer reels Ø 600 - 1 200 mm

core inner Ø 70, 76, 100, 152 mm

sheet sizes 350 x 300 mm - 1 350 x 1 350 mm

small rolls, bags, four color flexo print



## Technical specifications

Properties		Test method		Typical values			
Basis weight	g/m <sup>2</sup>	ISO 536		24	35	40	70
Tensile strength	kN/m	ISO 1924-2	MD CD	1,18 0,55	1,67 0,77	1,94 0,85	3,68 1,78
Breaking length	km	ISO 1924-2	MD CD	4,9 2,2	4,9 2,3	5,0 2,2	5,4 2,6
Tear	mN	ISO 1974	MD CD	-	255 300	291 348	581 683
Burst (Müllen)	kPa	ISO 2758		48	73	84	163
Sizing test Cobb-60"	g/m <sup>2</sup>	ISO 535		21	25	27	29
Permeability (Gurley)	s	ISO 5636-5		4,8	18,9	25,3	35,2
Thickness	µm	ISO 534		52	68	75	116

# SEDAK /U

100% mix of recycled fibres

recycled  
one side glazed - MG  
corrugating medium  
(B, E, F - Flute)  
industrial bags  
industrial PE-coating

not suitable  
for food contact

## Basic description

grammage 40 - 120 g/m<sup>2</sup>

trimmed width 2 670 / 3 120 mm

reels width 300 - 3 120 mm

outer reels Ø 600 - 1 200 mm

core inner Ø 70, 76, 100, 152 mm

sheet sizes 350 x 300 mm - 1 350 x 1 350 mm

small rolls, bags, four color flexo print



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## Technical specifications

Properties		Test method		Typical values			
Basis weight	g/m <sup>2</sup>	ISO 536		45	60	70	90
Tensile strength	kN/m	ISO 1924-2	MD CD	2,00 1,00	2,31 1,18	2,93 1,47	3,34 1,98
Breaking length	km	ISO 1924-2	MD CD	3,8 2,0	4,0 2,0	4,3 2,2	3,8 2,2
Tear	mN	ISO 1974	MD CD	-	-	-	-
Burst (Müllen)	kPa	ISO 2758		81	101	131	153
Sizing test Cobb-60"	g/m <sup>2</sup>	ISO 535		-	-	-	-
Permeability (Gurley)	s	ISO 5636-5		14,8	21,3	27,4	28,3
Thickness	µm	ISO 534		79	106	125	150

MD - machine direction CD - cross direction

# INDUSTRIAL SILK

100% mix of recycled fibres

recycled  
one side glazed - MG  
industrial wrapping  
sheets

not suitable  
for food contact

## Basic description

grammage 27 g/m<sup>2</sup>

trimmed width 2 670 / 3 120 mm

reels width 300 - 3 120 mm

outer reels Ø 600 - 1 200 mm

core inner Ø 70, 76, 100, 152 mm

sheet sizes 350 x 300 mm - 1 350 x 1 350 mm

small rolls, bags, four color flexo print



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## Technical specifications

Properties		Test method		Typical values			
Basis weight	g/m <sup>2</sup>	ISO 536					27
Tensile strength	kN/m	ISO 1924-2	MD CD				1,01 0,52
Breaking length	km	ISO 1924-2	MD CD				3,8 1,9
Tear	mN	ISO 1974	MD CD				-
Burst (Müllen)	kPa	ISO 2758					46
Sizing test Cobb-60"	g/m <sup>2</sup>	ISO 535					-
Permeability (Gurley)	s	ISO 5636-5					7,0
Thickness	µm	ISO 534					60

MD - machine direction CD - cross direction

	PM 1	PM 5
<b>Grammage</b>	24 - 130 gsm	18 - 80 gsm
<b>Machine trim (max. trimmed width)</b>	267 cm	312 cm 304 cm for lamination
<b>Width of reels</b>	for 40 gsm and up: min. 30 cm - max. 267 cm (max. 8 reels per deckle size) under 40 gsm: 30 cm only in combination with wider reels	min. 25 cm - max. 312 cm (max. 11 reels per deckle size)
<b>Outer diameter of reels</b>	min. 55 cm - max. 120 cm min. 30 cm for Sedak	min. 55 cm - max. 115 cm
<b>Core inner diameter</b>	7 cm; 7,6 cm; 10 cm; 15,24 cm	7 cm; 7,6 cm; 10 cm; 15,24 cm