



## TECHNICAL DATA SHEET

### GMUND COTTON | 100% Cotton

#### Cotton | 110 g/m<sup>2</sup>

Grammage	ISO 536, g/m <sup>2</sup> :	106 - 114
Caliper	ISO 534, µm:	185 ± 30
Bulk	ISO 534, cm <sup>3</sup> /g:	1,75 ± 0,3
Ash	DIN 54370, %:	> 3
Tensil Index	ISO 1924-2:	
	mean value, length and cross, m:	≥ 2500
	length, m:	≥ 3000
	cross, m:	≥ 2000
Tear Index, Elmendorf method	ISO 1974:	
	mean value, length and cross, mN:	≥ 600
Dennison-Waxtest	US D2482-66T:	≥ 12
Water Absorption	ISO 535:	
	Cobb 60, g/m <sup>2</sup> :	35 ± 10
pH-Value	DIN 53124:	≥ 7,5
Writing with ink	DIN 53126:	o. k.
Air leak, Bendtsen method	DIN 53120, ml/min:	< 2000



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### GMUND COTTON | 100% Cotton

#### Cotton | 300 g/m<sup>2</sup>

Grammage	ISO 536, g/m <sup>2</sup> :	292 - 322
Caliper	ISO 534, µm:	550 ± 100
Bulk	ISO 534, cm <sup>3</sup> /g:	1,85 ± 0,3
Ash	DIN 54370, %:	> 3
Tensil Index	ISO 1924-2:	
	mean value, length and cross, m:	≥ 2200
	length, m:	≥ 2900
	cross, m:	≥ 1500
Tear Index, Elmendorf method	ISO 1974:	
	mean value, length and cross, mN:	≥ 2000
Dennison-Waxtest	US D2482-66T:	≥ 12
Water Absorption	ISO 535:	
	Cobb 60, g/m <sup>2</sup> :	25 - 50
pH-Value	DIN 53124:	≥ 7,5
Writing with ink	DIN 53126:	o. k.
Air leak, Bendtsen method	DIN 53120, ml/min:	< 2000



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### GMUND COTTON | 100% Cotton

#### Shiny Cream | 310 g/m<sup>2</sup>

Grammage	ISO 536, g/m <sup>2</sup> :	290 - 320
Caliper	ISO 534, μm:	530 ± 100
Bulk	ISO 534, cm <sup>3</sup> /g:	1,85 ± 0,3
Ash	DIN 54370, %:	> 3
Tensil Index	ISO 1924-2:	
	mean value, length and cross, m:	≥ 2200
	length, m:	≥ 2900
	cross, m:	≥ 1500
Tear Index, Elmendorf method	ISO 1974:	
	mean value, length and cross, mN:	≥ 2000
Dennison-Waxtest	US D2482-66T:	≥ 12
Water Absorption	ISO 535:	
	Cobb 60, g/m <sup>2</sup> :	15 ± 10
pH-Value	DIN 53124:	≥ 7,5



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### GMUND COTTON | 100% Cotton

#### Cotton | 450 g/m<sup>2</sup>

Grammage	ISO 536, g/m <sup>2</sup> :	442 - 478
Caliper	ISO 534, µm:	760 ± 120
Bulk	ISO 534, cm <sup>3</sup> /g:	1,80 ± 0,3
Ash	DIN 54370, %:	> 3
Tensil Index	ISO 1924-2:	
	mean value, length and cross, m:	≥ 2000
	length, m:	≥ 2500
	cross, m:	≥ 1500
Tear Index, Elmendorf method	ISO 1974:	
	mean value, length and cross, mN:	≥ 3500
Dennison-Waxtest	US D2482-66T:	≥ 12
Water Absorption	ISO 535:	
	Cobb 60, g/m <sup>2</sup> :	25 - 50
pH-Value	DIN 53124:	≥ 7,5
Air leak, Bendtsen method	DIN 53120, ml/min:	< 2000



## TECHNICAL DATA SHEET

### GMUND COTTON | 100% Cotton

#### Cotton | 600 g/m<sup>2</sup>

Grammage	ISO 536, g/m <sup>2</sup> :	580 - 660
Caliper	ISO 534, µm:	1000 ± 150
Bulk	ISO 534, cm <sup>3</sup> /g:	1,7 ± 0,3
Ash	DIN 54370, %:	> 3
Dennison-Waxtest	US D2482-66T:	≥ 12
Water Absorption	ISO 535:	
	Cobb 60, g/m <sup>2</sup> :	~ 50
pH-Value	DIN 53124:	≥ 7,5



## TECHNICAL DATA SHEET

### GMUND COTTON | 100% Cotton

#### Shiny Cream | 610 g/m<sup>2</sup>

Grammage	ISO 536, g/m <sup>2</sup> :	590 - 670
Caliper	ISO 534, µm:	1000 ± 150
Bulk	ISO 534, cm <sup>3</sup> /g:	1,7 ± 0,3
Ash	DIN 54370, %:	> 3
Dennison-Waxtest	US D2482-66T:	≥ 12
Water Absorption	ISO 535:	
	Cobb 60, g/m <sup>2</sup> :	~ 50
pH-Value	DIN 53124:	≥ 7,5



## TECHNICAL DATA SHEET

### GMUND COTTON | 100% Cotton

#### Cotton | 900 g/m<sup>2</sup>

Grammage	ISO 536, g/m <sup>2</sup> :	860 - 980
Caliper	ISO 534, µm:	1550 ± 150
Bulk	ISO 534, cm <sup>3</sup> /g:	1,7 ± 0,3
Ash	DIN 54370, %:	> 3
Dennison-Waxtest	US D2482-66T:	≥ 12
Water Absorption	ISO 535:	
	Cobb 60, g/m <sup>2</sup> :	~ 50
pH-Value	DIN 53124:	≥ 7,5



## TECHNICAL DATA SHEET

### GMUND COTTON | 100% Cotton

#### Shiny Cream | 910 g/m<sup>2</sup>

Grammage	ISO 536, g/m <sup>2</sup> :	870 - 990
Caliper	ISO 534, μm:	1550 ± 150
Bulk	ISO 534, cm <sup>3</sup> /g:	1,7 ± 0,3
Ash	DIN 54370, %:	> 3
Dennison-Waxtest	US D2482-66T:	≥ 12
Water Absorption	ISO 535:	
	Cobb 60, g/m <sup>2</sup> :	~ 50
pH-Value	DIN 53124:	≥ 7,5





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### GMUND COTTON | 100% Cotton

#### Test of the light-fastness of the color under a xenon arc lamp

Heraeus, Suntest CPS

Evaluation according to the blue scale (wool scale) | DIN EN ISO 105-B02

Linen Cream	6 - 7
Max White	4 - 5
Shiny Cream	6 - 7
Natural Beige	7
New Grey	7
Gentlemen Blue	7
Power Blue	5 - 6