



## TECHNICAL DATA SHEET

### GMUND BAUHAUS DESSAU

#### Weiss 1 | 120 g/m<sup>2</sup>

Grammage	ISO 536, g/m <sup>2</sup> :	115 - 125
Caliper	ISO 534, µm:	155 ± 10
Bulk	ISO 534, cm <sup>3</sup> /g:	1,3 ± 0,1
Ash	DIN 54370, %:	> 6
Tensil Index	ISO 1924-2:	
	mean value, length and cross, m:	≥ 4000
	length, m:	≥ 5000
	cross, m:	≥ 3000
Tear Index, Elmendorf method	ISO 1974:	
	mean value, length and cross, mN:	≥ 700
Dennison-Waxtest	US D2482-66T:	≥ 14
Water Absorption	ISO 535:	
	Cobb 60, g/m <sup>2</sup> :	40 ± 10
pH-Value	DIN 53124:	≥ 7,5
Writing with ink	DIN 53126:	o. k.
Roughness Bendtsen methode	DIN 53108, ml/min:	180 ± 50
Brightness	CIE-value:	160 - 170
Opacity	TAPPI 425, %:	≥ 97



## TECHNICAL DATA SHEET

### GMUND BAUHAUS DESSAU

#### Weiss 1 | 160 g/m<sup>2</sup>

Grammage	ISO 536, g/m <sup>2</sup> :	154 - 166
Caliper	ISO 534, µm:	200 ± 10
Bulk	ISO 534, cm <sup>3</sup> /g:	1,25 ± 0,1
Ash	DIN 54370, %:	> 6
Tensil Index	ISO 1924-2:	
	mean value, length and cross, m:	≥ 3500
	length, m:	≥ 4000
	cross, m:	≥ 3000
Tear Index, Elmendorf method	ISO 1974:	
	mean value, length and cross, mN:	≥ 1100
Dennison-Waxtest	US D2482-66T:	≥ 14
Water Absorption	ISO 535:	
	Cobb 60, g/m <sup>2</sup> :	40 ± 10
pH-Value	DIN 53124:	≥ 7,5
Writing with ink	DIN 53126:	o. k.
Roughness Bendtsen methode	DIN 53108, ml/min:	180 ± 50
Brightness	CIE-value:	160 - 170
Opacity	TAPPI 425, %:	≥ 97



## TECHNICAL DATA SHEET

### GMUND BAUHAUS DESSAU

#### Weiss 1 | 250 g/m<sup>2</sup>

Grammage	ISO 536, g/m <sup>2</sup> :	237 - 263
Caliper	ISO 534, µm:	315 ± 15
Bulk	ISO 534, cm <sup>3</sup> /g:	1,25 ± 0,1
Ash	DIN 54370, %:	> 6
Tensil Index	ISO 1924-2:	
	mean value, length and cross, m:	≥ 3300
	length, m:	≥ 4000
	cross, m:	≥ 2600
Tear Index, Elmendorf method	ISO 1974:	
	mean value, length and cross, mN:	≥ 1500
Dennison-Waxtest	US D2482-66T:	≥ 14
Water Absorption	ISO 535:	
	Cobb 60, g/m <sup>2</sup> :	40 ± 10
pH-Value	DIN 53124:	≥ 7,5
Writing with ink	DIN 53126:	o. k.
Roughness Bendtsen methode	DIN 53108, ml/min:	180 ± 50
Brightness	CIE-value:	160 - 170
Opacity	TAPPI 425, %:	≥ 99



## TECHNICAL DATA SHEET

### GMUND BAUHAUS DESSAU

#### Weiss 1 | 300 g/m<sup>2</sup>

Grammage	ISO 536, g/m <sup>2</sup> :	285 - 315
Caliper	ISO 534, µm:	375 ± 20
Bulk	ISO 534, cm <sup>3</sup> /g:	1,25 ± 0,1
Ash	DIN 54370, %:	> 6
Tensil Index	ISO 1924-2:	
	mean value, length and cross, m:	≥ 2800
	length, m:	≥ 3600
	cross, m:	≥ 2000
Tear Index, Elmendorf method	ISO 1974:	
	mean value, length and cross, mN:	≥ 2000
Dennison-Waxtest	US D2482-66T:	≥ 14
Water Absorption	ISO 535:	
	Cobb 60, g/m <sup>2</sup> :	40 ± 10
pH-Value	DIN 53124:	≥ 7,5
Writing with ink	DIN 53126:	o. k.
Roughness Bendtsen methode	DIN 53108, ml/min:	180 ± 50
Brightness	CIE-value:	160 - 170
Opacity	TAPPI 425, %:	≥ 99



## TECHNICAL DATA SHEET

### GMUND BAUHAUS DESSAU

#### Weiss 1 | 350 g/m<sup>2</sup>

Grammage	ISO 536, g/m <sup>2</sup> :	332 - 368
Caliper	ISO 534, µm:	475 ± 20
Bulk	ISO 534, cm <sup>3</sup> /g:	1,35 ± 0,1
Ash	DIN 54370, %:	> 6
Tensil Index	ISO 1924-2:	
	mean value, length and cross, m:	≥ 2700
	length, m:	≥ 3400
	cross, m:	≥ 2000
Tear Index, Elmendorf method	ISO 1974:	
	mean value, length and cross, mN:	≥ 2500
Dennison-Waxtest	US D2482-66T:	≥ 12
Water Absorption	ISO 535:	
	Cobb 60, g/m <sup>2</sup> :	40 ± 10
pH-Value	DIN 53124:	≥ 7,5
Writing with ink	DIN 53126:	o. k.
Roughness Bendtsen methode	DIN 53108, ml/min:	180 ± 50
Brightness	CIE-value:	160 - 170
Opacity	TAPPI 425, %:	≥ 99.5



## TECHNICAL DATA SHEET

### GMUND BAUHAUS DESSAU

#### Weiss 2 | 120 g/m<sup>2</sup>

Grammage	ISO 536, g/m <sup>2</sup> :	115 - 125
Caliper	ISO 534, µm:	170 ± 10
Bulk	ISO 534, cm <sup>3</sup> /g:	1,4 ± 0,1
Ash	DIN 54370, %:	> 6
Tensil Index	ISO 1924-2:	
	mean value, length and cross, m:	≥ 3500
	length, m:	≥ 4500
	cross, m:	≥ 2500
Tear Index, Elmendorf method	ISO 1974:	
	mean value, length and cross, mN:	≥ 700
Dennison-Waxtest	US D2482-66T:	≥ 14
Water Absorption	ISO 535:	
	Cobb 60, g/m <sup>2</sup> :	40 ± 10
pH-Value	DIN 53124:	≥ 7,5
Writing with ink	DIN 53126:	o. k.
Roughness Bendtsen methode	DIN 53108, ml/min:	250 ± 50
Brightness	CIE-value:	145 - 155
Opacity	TAPPI 425, %:	≥ 95



## TECHNICAL DATA SHEET

### GMUND BAUHAUS DESSAU

#### Weiss 2 | 160 g/m<sup>2</sup>

Grammage	ISO 536, g/m <sup>2</sup> :	154 - 166
Caliper	ISO 534, µm:	225 ± 15
Bulk	ISO 534, cm <sup>3</sup> /g:	1,4 ± 0,1
Ash	DIN 54370, %:	> 6
Tensil Index	ISO 1924-2:	
	mean value, length and cross, m:	≥ 3500
	length, m:	≥ 4000
	cross, m:	≥ 3000
Tear Index, Elmendorf method	ISO 1974:	
	mean value, length and cross, mN:	≥ 1100
Dennison-Waxtest	US D2482-66T:	≥ 14
Water Absorption	ISO 535:	
	Cobb 60, g/m <sup>2</sup> :	40 ± 10
pH-Value	DIN 53124:	≥ 7,5
Writing with ink	DIN 53126:	o. k.
Roughness Bendtsen methode	DIN 53108, ml/min:	300 ± 50
Brightness	CIE-value:	145 - 155
Opacity	TAPPI 425, %:	≥ 97



## TECHNICAL DATA SHEET

### GMUND BAUHAUS DESSAU

#### Weiss 2 | 250 g/m<sup>2</sup>

Grammage	ISO 536, g/m <sup>2</sup> :	237 - 263
Caliper	ISO 534, µm:	350 ± 20
Bulk	ISO 534, cm <sup>3</sup> /g:	1,4 ± 0,1
Ash	DIN 54370, %:	> 6
Tensil Index	ISO 1924-2:	
	mean value, length and cross, m:	≥ 3000
	length, m:	≥ 3500
	cross, m:	≥ 2500
Tear Index, Elmendorf method	ISO 1974:	
	mean value, length and cross, mN:	≥ 1500
Dennison-Waxtest	US D2482-66T:	≥ 14
Water Absorption	ISO 535:	
	Cobb 60, g/m <sup>2</sup> :	40 ± 10
pH-Value	DIN 53124:	≥ 7,5
Writing with ink	DIN 53126:	o. k.
Roughness Bendtsen methode	DIN 53108, ml/min:	300 ± 50
Brightness	CIE-value:	145 - 155
Opacity	TAPPI 425, %:	≥ 99





## TECHNICAL DATA SHEET

### GMUND BAUHAUS DESSAU

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

Grammage	ISO 536, g/m <sup>2</sup> :	285 - 315
Caliper	ISO 534, µm:	420 ± 20
Bulk	ISO 534, cm <sup>3</sup> /g:	1,4 ± 0,1
Ash	DIN 54370, %:	> 6
Tensil Index	ISO 1924-2:	
	mean value, length and cross, m:	≥ 2800
	length, m:	≥ 3600
	cross, m:	≥ 2000
Tear Index, Elmendorf method	ISO 1974:	
	mean value, length and cross, mN:	≥ 2000
Dennison-Waxtest	US D2482-66T:	≥ 14
Water Absorption	ISO 535:	
	Cobb 60, g/m <sup>2</sup> :	40 ± 10
pH-Value	DIN 53124:	≥ 7,5
Writing with ink	DIN 53126:	o. k.
Roughness Bendtsen methode	DIN 53108, ml/min:	300 ± 50
Brightness	CIE-value:	145 - 155
Opacity	TAPPI 425, %:	≥ 99



## TECHNICAL DATA SHEET

### GMUND BAUHAUS DESSAU

#### Weiss 2 | 350 g/m<sup>2</sup>

Grammage	ISO 536, g/m <sup>2</sup> :	332 - 368
Caliper	ISO 534, µm:	490 ± 25
Bulk	ISO 534, cm <sup>3</sup> /g:	1,4 ± 0,1
Ash	DIN 54370, %:	> 6
Tensil Index	ISO 1924-2:	
	mean value, length and cross, m:	≥ 2700
	length, m:	≥ 3400
	cross, m:	≥ 2000
Tear Index, Elmendorf method	ISO 1974:	
	mean value, length and cross, mN:	≥ 2500
Dennison-Waxtest	US D2482-66T:	≥ 12
Water Absorption	ISO 535:	
	Cobb 60, g/m <sup>2</sup> :	40 ± 10
pH-Value	DIN 53124:	≥ 7,5
Writing with ink	DIN 53126:	o. k.
Roughness Bendtsen methode	DIN 53108, ml/min:	380 ± 80
Brightness	CIE-value:	145 - 155
Opacity	TAPPI 425, %:	≥ 99.5



## TECHNICAL DATA SHEET

### GMUND BAUHAUS DESSAU

#### Weiss 2 glatt | 120 g/m<sup>2</sup>

Grammage	ISO 536, g/m <sup>2</sup> :	115 - 125
Caliper	ISO 534, µm:	155 ± 10
Bulk	ISO 534, cm <sup>3</sup> /g:	1,3 ± 0,1
Ash	DIN 54370, %:	> 6
Tensil Index	ISO 1924-2:	
	mean value, length and cross, m:	≥ 3500
	length, m:	≥ 4500
	cross, m:	≥ 2500
Tear Index, Elmendorf method	ISO 1974:	
	mean value, length and cross, mN:	≥ 700
Dennison-Waxtest	US D2482-66T:	≥ 14
Water Absorption	ISO 535:	
	Cobb 60, g/m <sup>2</sup> :	40 ± 10
pH-Value	DIN 53124:	≥ 7,5
Writing with ink	DIN 53126:	o. k.
Roughness Bendtsen methode	DIN 53108, ml/min:	100 ± 50
Brightness	CIE-value:	145 - 155
Opacity	TAPPI 425, %:	≥ 95



## TECHNICAL DATA SHEET

### GMUND BAUHAUS DESSAU

#### Schwarz | 120 g/m<sup>2</sup>

Grammage	ISO 536, g/m <sup>2</sup> :	115 - 125
Caliper	ISO 534, µm:	150 ± 10
Bulk	ISO 534, cm <sup>3</sup> /g:	1,2 ± 0,1
Ash	DIN 54370, %:	> 3
Tensil Index	ISO 1924-2:	
	mean value, length and cross, m:	≥ 4000
	length, m:	≥ 5000
	cross, m:	≥ 3000
Tear Index, Elmendorf method	ISO 1974:	
	mean value, length and cross, mN:	≥ 700
Dennison-Waxtest	US D2482-66T:	≥ 14
Water Absorption	ISO 535:	
	Cobb 60, g/m <sup>2</sup> :	30 ± 10
pH-Value	DIN 53124:	≥ 7,5



## TECHNICAL DATA SHEET

### GMUND BAUHAUS DESSAU

#### Schwarz | 250 g/m<sup>2</sup>

Grammage	ISO 536, g/m <sup>2</sup> :	237 - 263
Caliper	ISO 534, µm:	300 ± 20
Bulk	ISO 534, cm <sup>3</sup> /g:	1,2 ± 0,1
Ash	DIN 54370, %:	> 3
Tensil Index	ISO 1924-2:	
	mean value, length and cross, m:	≥ 3500
	length, m:	≥ 4500
	cross, m:	≥ 2500
Tear Index, Elmendorf method	ISO 1974:	
	mean value, length and cross, mN:	≥ 1500
Dennison-Waxtest	US D2482-66T:	≥ 14
Water Absorption	ISO 535:	
	Cobb 60, g/m <sup>2</sup> :	30 ± 10
pH-Value	DIN 53124:	≥ 7,5



## TECHNICAL DATA SHEET

### GMUND BAUHAUS DESSAU

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

Grammage	ISO 536, g/m <sup>2</sup> :	285 - 315
Caliper	ISO 534, μm:	360 ± 20
Bulk	ISO 534, cm <sup>3</sup> /g:	1,2 ± 0,1
Ash	DIN 54370, %:	> 3
Tensil Index	ISO 1924-2:	
	mean value, length and cross, m:	≥ 2800
	length, m:	≥ 3600
	cross, m:	≥ 2000
Tear Index, Elmendorf method	ISO 1974:	
	mean value, length and cross, mN:	≥ 2000
Dennison-Waxtest	US D2482-66T:	≥ 14
Water Absorption	ISO 535:	
	Cobb 60, g/m <sup>2</sup> :	40 ± 10
pH-Value	DIN 53124:	≥ 7,5



## TECHNICAL DATA SHEET

### GMUND BAUHAUS DESSAU

#### Schwarz | 350 g/m<sup>2</sup>

Grammage	ISO 536, g/m <sup>2</sup> :	332 - 368
Caliper	ISO 534, µm:	420 ± 20
Bulk	ISO 534, cm <sup>3</sup> /g:	1,2 ± 0,1
Ash	DIN 54370, %:	> 3
Tensil Index	ISO 1924-2:	
	mean value, length and cross, m:	≥ 2700
	length, m:	≥ 3400
	cross, m:	≥ 2000
Tear Index, Elmendorf method	ISO 1974:	
	mean value, length and cross, mN:	≥ 2500
Dennison-Waxtest	US D2482-66T:	≥ 14
Water Absorption	ISO 535:	
	Cobb 60, g/m <sup>2</sup> :	40 ± 10
pH-Value	DIN 53124:	≥ 7,5



## TECHNICAL DATA SHEET

### GMUND BAUHAUS DESSAU

#### 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

Weiss 1	3 - 4
Weiss 2	3 - 4
Schwarz	6