



## TECHNICAL DATA SHEET

### GMUND BIO CYCLE

#### Cycle - Kreislauf | 100 g/m<sup>2</sup>

Grammage	ISO 536, g/m <sup>2</sup> :	95 - 103
Caliper	ISO 534, µm:	140 ± 15
Bulk	ISO 534, cm <sup>3</sup> /g:	1,45 ± 0,1
Ash	DIN 54370, %:	> 2
Tensil Index	ISO 1924-2:	
	mean value, length and cross, m:	≥ 5000
	length, m:	≥ 6500
	cross, m:	≥ 3500
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 BIO CYCLE

#### Cycle - Kreislauf | 120 g/m<sup>2</sup>

Grammage	ISO 536, g/m <sup>2</sup> :	115 - 125
Caliper	ISO 534, µm:	175 ± 25
Bulk	ISO 534, cm <sup>3</sup> /g:	1,45 ± 0,1
Ash	DIN 54370, %:	> 2
Tensil Index	ISO 1924-2:	
	mean value, length and cross, m:	≥ 4500
	length, m:	≥ 6000
	cross, m:	≥ 3000
Tear Index, Elmendorf method	ISO 1974:	
	mean value, length and cross, mN:	≥ 1000
Dennison-Waxtest	US D2482-66T:	≥ 14
Water Absorption	ISO 535:	
	Cobb 60, g/m <sup>2</sup> :	35 ± 10
pH-Value	DIN 53124:	≥ 7,5



## TECHNICAL DATA SHEET

### GMUND BIO CYCLE

#### Cycle - Kreislauf | 300 g/m<sup>2</sup>

Grammage	ISO 536, g/m <sup>2</sup> :	285 - 315
Caliper	ISO 534, μm:	460 ± 25
Bulk	ISO 534, cm <sup>3</sup> /g:	1,55 ± 0,1
Ash	DIN 54370, %:	> 2
Tensil Index	ISO 1924-2:	
	mean value, length and cross, m:	≥ 3300
	length, m:	≥ 4200
	cross, m:	≥ 2400
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> :	35 ± 10
pH-Value	DIN 53124:	≥ 7,5



## TECHNICAL DATA SHEET

### GMUND BIO CYCLE

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

Cycle - Kreislauf

3