

Technical specification sheet

Ball & Doggett

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Product: GMUND 100% Cotton

Category: Folio Papers - Specialty Paper

Country of Origin: Germany

Technical specifications:

Cotton / 110gm ²		
Grammage	ISO 536, g/m ²	106 - 114
Caliper	ISO 534, µm	185 ± 30
Bulk	ISO 534, cm ³ /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, m	≥ 600
Dennison-Waxtest	US D2482-66T	≥ 12
Water Absorption	ISO 535	
	Cobb 60, g/m ²	35 ± 10
pH-Value	DIN 53124	≥ 7.5
Writing with ink	DIN 53126	o. k.
Air leak, Bendtsen method	DIN 53120, ml/min	≥ 2000

Cotton / 300gm ²		
Grammage	ISO 536, g/m ²	292 - 322
Caliper	ISO 534, µm	550 ± 100
Bulk	ISO 534, cm ³ /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, m	≥ 2000
Dennison-Waxtest	US D2482-66T	≥ 12
Water Absorption	ISO 535	
	Cobb 60, g/m ²	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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Cotton / 450gm ²		
Grammage	ISO 536, g/m ²	442 - 478
Caliper	ISO 534, µm	760 ± 120
Bulk	ISO 534, cm ³ /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, m	≥ 3500
Dennison-Waxtest	US D2482-66T	≥ 12
Water Absorption	ISO 535	
	Cobb 60, g/m ²	25 ± 50
pH-Value	DIN 53124	≥ 7.5
Writing with ink	DIN 53126	o. k.
Air leak, Bendtsen method	DIN 53120, ml/min	≥ 2000

Cotton / 600gm ²		
Grammage	ISO 536, g/m ²	580 - 660
Caliper	ISO 534, µm	1000 ± 150
Bulk	ISO 534, cm ³ /g	1.7 ± 0.3
Ash	DIN 54370, %	> 3
Dennison-Waxtest	US D2482-66T	≥ 12
Water Absorption	ISO 535	
	Cobb 60, g/m ²	≈ 50
pH-Value	DIN 53124	≥ 7.5