



## PERGRAPHICA®



### Technical Data: PERGRAPHICA Natural Rough

<b>Basis weight</b>		g/m <sup>2</sup>	ISO 536		<b>100 ± 4,0</b>
<b>Caliper</b>		µm	ISO 534		<b>128 ± 4</b>
<b>Stiffness 15°/10mm</b>	MD	mN	ISO 2493-1	<b>min</b>	<b>180</b>
<b>Stiffness 15°/10mm</b>	CD	mN	ISO 2493-1	<b>min</b>	<b>85</b>
<b>Roughness Bendtsen</b>		ml/min	ISO 8791-2		<b>200 ± 50</b>
<b>Opacity</b>		%	ISO 2471		<b>88,5</b>
<b>Moisture abs.</b>		%	ISO 287		<b>5,0 ± ,6</b>
<b>Brightness UV</b>		%	ISO 2470		<b>89,5 ± 2,0</b>

Production process certified according to ISO 9001, ISO 14001 and OHSAS 18001.  
Product certified according German BfR XXXVI. Standard measurement uncertainty between laboratories is not incorporated.

SIGNIFICANCE OF VALUES: 2 SIGMA

typical shade values D65/10°: L\*: 96.7 a\*: -0.53 b\*: 3.84 typical bulk: 1.33



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<b>Basis weight</b>		g/m <sup>2</sup>	ISO 536		<b>90 ± 3,5</b>
<b>Caliper</b>		µm	ISO 534		<b>117 ± 4</b>
<b>Stiffness 15°/10mm</b>	MD	mN	ISO 2493-1	<b>min</b>	<b>130</b>
<b>Stiffness 15°/10mm</b>	CD	mN	ISO 2493-1	<b>min</b>	<b>65</b>
<b>Roughness Bendtsen</b>		ml/min	ISO 8791-2		<b>200 ± 50</b>
<b>Opacity</b>		%	ISO 2471		<b>87,0</b>
<b>Moisture abs.</b>		%	ISO 287		<b>5,0 ± ,6</b>
<b>Brightness UV</b>		%	ISO 2470		<b>89,5 ± 2,0</b>

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<b>Basis weight</b>		g/m <sup>2</sup>	ISO 536		<b>120 ± 4,5</b>
<b>Caliper</b>		µm	ISO 534		<b>153 ± 5</b>
<b>Stiffness 15°/10mm</b>	MD	mN	ISO 2493-1	<b>min</b>	<b>280</b>
<b>Stiffness 15°/10mm</b>	CD	mN	ISO 2493-1	<b>min</b>	<b>130</b>
<b>Roughness Bendtsen</b>		ml/min	ISO 8791-2		<b>200 ± 50</b>
<b>Opacity</b>		%	ISO 2471		<b>91,0</b>
<b>Moisture abs.</b>		%	ISO 287		<b>5,2 ± ,6</b>
<b>Brightness UV</b>		%	ISO 2470		<b>89,5 ± 2,0</b>

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<b>Basis weight</b>		g/m <sup>2</sup>	ISO 536		<b>300 ± 10,0</b>
<b>Caliper</b>		µm	ISO 534		<b>388 ± 10</b>
<b>Stiffness 15°/10mm</b>	MD	mN	ISO 2493-1	<b>min</b>	<b>2500</b>
<b>Stiffness 15°/10mm</b>	CD	mN	ISO 2493-1	<b>min</b>	<b>1300</b>
<b>Roughness Bendtsen</b>		ml/min	ISO 8791-2		<b>180 ± 50</b>
<b>Opacity</b>		%	ISO 2471		<b>97,5</b>
<b>Moisture abs.</b>		%	ISO 287		<b>5,2 ± ,7</b>
<b>Brightness UV</b>		%	ISO 2470		<b>89,5 ± 2,0</b>

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<b>Basis weight</b>		g/m <sup>2</sup>	ISO 536		<b>150 ± 5,0</b>
<b>Caliper</b>		µm	ISO 534		<b>202 ± 5</b>
<b>Stiffness 15°/10mm</b>	MD	mN	ISO 2493-1	<b>min</b>	<b>600</b>
<b>Stiffness 15°/10mm</b>	CD	mN	ISO 2493-1	<b>min</b>	<b>250</b>
<b>Roughness Bendtsen</b>		ml/min	ISO 8791-2		<b>200 ± 50</b>
<b>Opacity</b>		%	ISO 2471		<b>93,0</b>
<b>Moisture abs.</b>		%	ISO 287		<b>5,2 ± ,6</b>
<b>Brightness UV</b>		%	ISO 2470		<b>89,5 ± 2,0</b>

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<b>Basis weight</b>		g/m <sup>2</sup>	ISO 536		<b>240 ± 5,0</b>
<b>Caliper</b>		µm	ISO 534		<b>290 ± 7</b>
<b>Stiffness 15°/10mm</b>	MD	mN	ISO 2493-1	<b>min</b>	<b>1800</b>
<b>Stiffness 15°/10mm</b>	CD	mN	ISO 2493-1	<b>min</b>	<b>900</b>
<b>Roughness Bendtsen</b>		ml/min	ISO 8791-2		<b>200 ± 50</b>
<b>Opacity</b>		%	ISO 2471		<b>96,5</b>
<b>Moisture abs.</b>		%	ISO 287		<b>5,2 ± ,7</b>
<b>Brightness UV</b>		%	ISO 2470		<b>89,5 ± 2,0</b>

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