



DNS® premium is the premium digital printing paper which offers professional printers a single solution for any application on digital and offset printing presses. DNS® premium is available from 60 - 300 gsm.



**Technical Data:** DNS® premium

			<b>80</b>
<b>Grammage</b>	g/m <sup>2</sup>	ISO 536	<b>80 ± 3.0</b>
<b>Caliper</b>	µm	ISO 534	<b>107 ± 3</b>
<b>Stiffness L&amp;W</b>	MD mN	ISO 2493-1	<b>min 125</b>
<b>Stiffness L&amp;W</b>	CD mN	ISO 2493-1	<b>min 58</b>
<b>Roughness Bendtsen</b>	ml/min	ISO 8791-2	<b>140 ± 50</b>
<b>Opacity</b>	%	ISO 2471	<b>min 93.0</b>
<b>Cobb 60</b>	g/m <sup>2</sup>	ISO 535	<b>25 ± 5.0</b>
<b>Moisture</b>	%	ISO 287	<b>4.8 ± 0.6</b>
<b>Brightness with UV</b>	D65 %	ISO 2470	<b>114.0 ± 1.5</b>
<b>CIE Whiteness</b>	%	ISO 11475	<b>170 ± 3.0</b>

Product meets EN 12281, requirements for copy paper for dry toner imaging processes and ISO 9706, requirements for permanence for paper. Production processes certified according to ISO 9001, ISO 14001 and OHSAS 18001.

SIGNIFICANCE OF VALUES: 2 SIGMA



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<b>Basis weight</b>		g/m <sup>2</sup>	ISO 536		<b>160 ± 6.0</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>350</b>
<b>Smoothness Bekk</b>		sec	ISO 5627		<b>60 ± 25</b>
<b>Roughness Bendtsen</b>		ml/min	ISO 8791-2		<b>140 ± 50</b>
<b>Porosity</b>		ml/min	ISO 5636-3		<b>500 ± 200</b>
<b>Opacity</b>		%	ISO 2471	<b>min</b>	<b>97.5</b>
<b>Moisture abs.</b>		%	ISO 287		<b>4.8 ± .6</b>
<b>Brightness UV</b>		%	ISO 2470		<b>114.0 ± 1.5</b>
<b>CIE Whiteness</b>		%	ISO 11475		<b>170 ± 3.0</b>

Product meets EN 12281, requirements for copy paper for dry toner imaging processes, ageing resistance ISO 9706 and Certificate of Compliance for contact with foodstuffs - German BfR XXXVI. Production processes certified according to ISO 9001, ISO 14001 and OHSAS 18001. Standard measurement uncertainty between laboratories is not incorporated.

SIGNIFICANCE OF VALUES: 2 SIGMA

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