











| Technical Data: | <b>NAUTILUS®</b> | SuperWhite |
|-----------------|------------------|------------|
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|                    | •      |            |       |       |
|--------------------|--------|------------|-------|-------|
| Basis weight       | g/m²   | ISO 536    | 80    | ± 3.0 |
| Caliper            | μm     | ISO 534    | 106   | ± 3   |
| Roughness Bendtsen | ml/min | ISO 8791-2 | 220   | ± 50  |
| Opacity            | %      | ISO 2471   | 93.0  | ± 1   |
| Moisture abs.      | %      | ISO 287    | 4.6   | ± .6  |
| Brightness UV      | %      | ISO 2470   | 104.0 | ± 3.0 |
| CIE Whiteness      | %      | ISO 11475  | 150   | ± 3.0 |

Product meets EN 12281, requirements for copy paper for dry toner imaging processes, and DIN 6738, ageing resistance, as well as ISO 20494, requirements for permanence for paper. Production processes are certified according to ISO 9001, ISO 14001 and ISO 45001. Standard measurement uncertainty between laboratories is not incorporated.

SIGNIFICANCE OF VALUES: 2 SIGMA













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|--------------------|--------|------------|-------|-------|
| Basis weight       | g/m²   | ISO 536    | 90    | ± 3.0 |
| Caliper            | μm     | ISO 534    | 119   | ± 3   |
| Roughness Bendtsen | ml/min | ISO 8791-2 | 220   | ± 50  |
| Opacity            | %      | ISO 2471   | 94.0  | ± 1   |
| Moisture abs.      | %      | ISO 287    | 4.6   | ± .6  |
| Brightness UV      | %      | ISO 2470   | 104.0 | ± 3.0 |
| CIE Whiteness      | %      | ISO 11475  | 150   | ± 3.0 |

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| Basis weight       | g/m²   | ISO 536    | 100   | ± 3.0 |
|--------------------|--------|------------|-------|-------|
| Caliper            | μm     | ISO 534    | 130   | ± 4   |
| Roughness Bendtsen | ml/min | ISO 8791-2 | 220   | ± 50  |
| Opacity            | %      | ISO 2471   | 96.5  | ± 1   |
| Moisture abs.      | %      | ISO 287    | 4.6   | ± .6  |
| Brightness UV      | %      | ISO 2470   | 104.0 | ± 3.0 |
| CIE Whiteness      | %      | ISO 11475  | 150   | ± 3.0 |

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| Technical Data: NAUTIL | _US® Su | pervynite |
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|--------------------|--------|------------|-------|-------|
| Basis weight       | g/m²   | ISO 536    | 120   | ± 4.0 |
| Caliper            | μm     | ISO 534    | 154   | ± 4   |
| Roughness Bendtsen | ml/min | ISO 8791-2 | 220   | ± 50  |
| Opacity            | %      | ISO 2471   | 97.5  | ± 1   |
| Moisture abs.      | %      | ISO 287    | 4.6   | ± .6  |
| Brightness UV      | %      | ISO 2470   | 104.0 | ± 3.0 |
| CIE Whiteness      | %      | ISO 11475  | 150   | ± 3.0 |

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| Basis weight       | g/m²   | ISO 536    | 135   | ± 5.0 |
|--------------------|--------|------------|-------|-------|
| Caliper            | μm     | ISO 534    | 181   | ± 5   |
| Roughness Bendtsen | ml/min | ISO 8791-2 | 220   | ± 50  |
| Opacity            | %      | ISO 2471   | 98.0  | ± 1   |
| Moisture abs.      | %      | ISO 287    | 4.6   | ± .6  |
| Brightness UV      | %      | ISO 2470   | 104.0 | ± 3.0 |
| CIE Whiteness      | %      | ISO 11475  | 150   | ± 3.0 |

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|                    | -      |            |       |       |
|--------------------|--------|------------|-------|-------|
| Basis weight       | g/m²   | ISO 536    | 160   | ± 4.0 |
| Caliper            | μm     | ISO 534    | 196   | ± 5   |
| Roughness Bendtsen | ml/min | ISO 8791-2 | 220   | ± 50  |
| Opacity            | %      | ISO 2471   | 98.5  | ± 1   |
| Moisture abs.      | %      | ISO 287    | 5.2   | ± .6  |
| Brightness UV      | %      | ISO 2470   | 104.0 | ± 3.0 |
| CIE Whiteness      | %      | ISO 11475  | 150   | ± 3.0 |

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| Basis weight       | g/m²   | ISO 536    | 200   | ± 6.0 |
|--------------------|--------|------------|-------|-------|
| Caliper            | μm     | ISO 534    | 264   | ± 8   |
| Roughness Bendtsen | ml/min | ISO 8791-2 | 220   | ± 50  |
| Opacity            | %      | ISO 2471   | 99.0  | ± 1   |
| Moisture abs.      | %      | ISO 287    | 5.2   | ± .6  |
| Brightness UV      | %      | ISO 2470   | 104.0 | ± 3.0 |
| CIE Whiteness      | %      | ISO 11475  | 150   | ± 3.0 |

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|--------------------|--------|------------|-------|-------|
| Basis weight       | g/m²   | ISO 536    | 250   | ± 5.0 |
| Caliper            | μm     | ISO 534    | 318   | ± 6   |
| Roughness Bendtsen | ml/min | ISO 8791-2 | 220   | ± 50  |
| Opacity            | %      | ISO 2471   | 100.0 |       |
| Moisture abs.      | %      | ISO 287    | 5.2   | ± .6  |
| Brightness UV      | %      | ISO 2470   | 104.0 | ± 3.0 |
| CIE Whiteness      | %      | ISO 11475  | 150   | ± 3.0 |

Product meets EN 12281, requirements for copy paper for dry toner imaging processes, and DIN6738, ageing resistance, as well as ISO 20494, requirements for permanence for paper. Production processes are certified according to ISO 9001, ISO 45001 and OHSAS 18001. Standard measurement uncertainty between laboratories is not incorporated.

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|                    | -      |            |       |       |
|--------------------|--------|------------|-------|-------|
| Basis weight       | g/m²   | ISO 536    | 300   | ± 8.0 |
| Caliper            | μm     | ISO 534    | 380   | ± 8   |
| Roughness Bendtsen | ml/min | ISO 8791-2 | 220   | ± 50  |
| Opacity            | %      | ISO 2471   | 100.0 |       |
| Moisture abs.      | %      | ISO 287    | 5.2   | ± .6  |
| Brightness UV      | %      | ISO 2470   | 104.0 | ± 3.0 |
| CIE Whiteness      | %      | ISO 11475  | 150   | ± 3.0 |

Product meets EN 12281, requirements for copy paper for dry toner imaging processes, and DIN6738, ageing resistance, as well as ISO 20494, requirements for permanence for paper. Production processes are certified according to ISO 9001, ISO 45001 and OHSAS 18001. Standard measurement uncertainty between laboratories is not incorporated.

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|--------------------|--------|------------|-------|--------|
| Basis weight       | g/m²   | ISO 536    | 350   | ± 10.0 |
| Caliper            | μm     | ISO 534    | 450   | ± 10   |
| Roughness Bendtsen | ml/min | ISO 8791-2 | 220   | ± 50   |
| Opacity            | %      | ISO 2471   | 100.0 |        |
| Moisture abs.      | %      | ISO 287    | 5.2   | ± .6   |
| Brightness UV      | %      | ISO 2470   | 104.0 | ± 3.0  |
| CIE Whiteness      | %      | ISO 11475  | 150   | ± 3.0  |

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