ConFlex Silk Plus
WHITE MG KRAFT PAPER

Production Unit: Skärblacka PM10

End uses
ConFlex Silk Plus is a strong paper with a glossy, closed surface and enhanced smoothness through in line calendering. It is designed for coating applications, rotogravure printing and high quality flexography printing where enhanced “hold out” and high smoothness are required. Main end uses include high quality Flexible Packaging.

Grammages
35 - 70 gsm

Materials
ConFlex Silk Plus is produced from pure bleached pulp and consists entirely of primary fibers. The long and strong fibres, from the forests of the Nordic region, give the paper its inherent strength.

Printing method
Flexography, Rotogravure

Approvals
ConFlex Silk Plus is produced in compliance with regulation (EC) No 1935/2004 and regulation (EC) No 2023/2026 with amendments on materials and articles intended to come into contact with food. ConFlex Silk Plus complies with relevant parts of the food packaging norms BfR XXXVI, FDA 21 CFR §176.170, FDA 21 CFR §176.180, GB4806.1-2016 and GB4806.8-2016.

Certification
ConFlex Silk Plus is produced at Billerud Skärblacka, which is certified in accordance with ISO 9001, ISO 14001 and with FSSC 22000.

Material recovery
ConFlex Silk Plus is suited for material recycling (EN 13430) and energy recovery (EN 13431). ConFlex Silk Plus fulfils the demands for industrial composting (EN 13432 clauses 4.2.2 and 4.3.2 and ISO 18606:2013) and has, in addition, been approved for home compostability.

<table>
<thead>
<tr>
<th>Property</th>
<th>Unit</th>
<th>Grammage</th>
<th>Thickness</th>
<th>Tensile strength</th>
<th>Bending resistance</th>
<th>Bursting strength</th>
<th>Air resistance</th>
<th>Cobb 60s</th>
<th>Roughness (Bendtsen)</th>
<th>Opacity</th>
<th>ISO Brightness</th>
<th>Moisture content</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>35</td>
<td>44</td>
<td>3.3 MD kN/m</td>
<td>175 MD mN</td>
<td>120 kPa</td>
<td>55</td>
<td>24</td>
<td>50 MG/ml/min</td>
<td>54</td>
<td>84</td>
<td>6.0</td>
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<td></td>
<td>40</td>
<td>49</td>
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<td>220 CD mN</td>
<td>142</td>
<td>55</td>
<td>24</td>
<td>50 MG/ml/min</td>
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<td>45</td>
<td>54</td>
<td>4.2 CD kN/m</td>
<td>270 CD mN</td>
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<td>50</td>
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<td>4.7 MD kN/m</td>
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<td>69</td>
<td>5.6 CD kN/m</td>
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<td>70</td>
<td>80</td>
<td>6.5 CD kN/m</td>
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<td>84</td>
<td>6.0</td>
</tr>
</tbody>
</table>

MD = Machine Direction  CD = Cross Direction  MG = MG-side/RS = Reverse side  Test climate: 50% RH, 23C

The table shows typical values