AMBER VOLUME

Amber Volume is a woodfree high white bulky uncoated paper. The surface is specially suited for all kinds of educational publishing applications such as schoolbooks, academic literature, reference material and factual books. The bulky paper gives the end product a good strength, durability and possibility to decrease the weight. Amber papers are also especially recognised for their good runnability and printability and are available both in sheets and reels. Amber Volume standard products are available as FSC™ – The mark of responsible forestry. www.fsc.org. FSC-C012880 and PEFC certified.

BASIC INFORMATION

Optimized for colour printing.
Available in sheets. Available in reels

ENVIRONMENT / SAFETY

ECF, ISO 14001, EMAS, Paper Profile, Safety of Toys, Food contact, Woodfree, FSC_C012880, PEFC_0131126

PRINTING TECHNIQUES

Offset, Flexo

SHADE

Highwhite

SURFACE

Uncoated, Rough

AMBER VOLUME

<table>
<thead>
<tr>
<th>Grammage (g/m²)</th>
<th>50E</th>
<th>55E</th>
<th>60E</th>
<th>70</th>
<th>80</th>
<th>90</th>
</tr>
</thead>
<tbody>
<tr>
<td>Opacity (%)</td>
<td>80</td>
<td>82</td>
<td>84</td>
<td>89</td>
<td>91</td>
<td>93</td>
</tr>
<tr>
<td>Roughness (Bendtsen, ml/min)</td>
<td>550</td>
<td>550</td>
<td>550</td>
<td>550</td>
<td>550</td>
<td>550</td>
</tr>
<tr>
<td>Thickness (µm)</td>
<td>75</td>
<td>82.5</td>
<td>90</td>
<td>105</td>
<td>120</td>
<td>135</td>
</tr>
<tr>
<td>Whiteness (CIE)</td>
<td>143</td>
<td>143</td>
<td>143</td>
<td>143</td>
<td>143</td>
<td>143</td>
</tr>
<tr>
<td>Bulk (thickness/grammage)</td>
<td>1.5</td>
<td>1.5</td>
<td>1.5</td>
<td>1.5</td>
<td>1.5</td>
<td>1.5</td>
</tr>
</tbody>
</table>

Screen recommended 133-150 lpi

E Not standard production. Min. 30 tonnes and paper machine trim needed.

Values are targets only and can be subject to changes over time without prior notice. You will find the latest technical information and other technical recommendations about our products at arcticpaper.com