

## CORE GLOSS PAPER

Substance g/m <sup>2</sup>	90	100	115	130	150	170
Caliper $\mu$ m (approx)	70	76	87	101	117	133
Opacity (ISO) %	90	92	94	95	96	97
Brightness (ISO) D65	97	97	97	97	97	97
Whiteness CIE D65	121	121	121	121	121	121
Gloss (Gardner) 75° TS	68	70	70	70	75	75
Gloss (Gardner) 75° WS	68	70	70	70	75	75
Rigidity (Taber Stiffness Units) 15° MD	1	1.3	1.6	3.4	4	5.2
Rigidity (Taber Stiffness Units) 15° CD	0.6	0.8	1	2.3	3.1	4.1
Surface pH	8.5	8.5	8.5	8.5	8.5	8.5

### Technical Capability

Printing Process	Litho and screen
Digital Printing	SRA3 size is suitable for laser printing and is HP Indigo Approved
Screen Ruling	150 plus
Printing Inks	Conventional, UV and IR are preferred
Embossing	Yes
Varnishing	Machine and UV
Emulsion Sealing	Yes, 130g/m <sup>2</sup> and above, below this weight there may be a tendency to curl, therefore a trial is recommended to ensure that the result is satisfactory.
Hot Foil Blocking	Yes
Film Laminating	Yes
Creasing	If folding material 150 g/m <sup>2</sup> and above or through a solid or dense tone, pre creasing is advisable, by using a creasing matrix
Toy Safety	Yes, complies with EN71 Part 3 Toy Safety Regulations
Permanence of Paper	Yes, this product meets ISO9706 requirements for permanence of paper.

### Environmental Information

Fibre Source	Virgin wood fibre from Finland and Brazil
Bleaching	Pulp is bleached using an Elemental Chlorine Free (ECF) process.
Disposal	This material can be disposed of by recycling, incineration for energy recovery or is biodegradable.
Accreditation	Produced at a mill that is certified to the ISO14001 environmental management standard. Produced at a mill that is certified to the EMAS environmental management standard (number: FIN-000021) FSC Mixed Sources product group from well managed forests and other controlled sources.