

HELLO GLOSS PAPER

Substance g/m ²	90	100	115	130	150	170
Caliper µm (approx)	65	73	83	91	107	121
Opacity (ISO) %	90	91	92.5	94	95.5	97
Brightness (ISO) D65	98	98	98	98	98	98
Whiteness CIE D65	125	125	125	125	125	125
Gloss (Gardner) 75° TS	76	78	80	80	80	80
Rigidity (Taber Stiffness Units) 15° MD	1.2	1.7	2.5	3.8	5	6.7
Rigidity (Taber Stiffness Units) 15° CD	1	1.2	1.8	2.8	3.8	4.6
Surface pH	9	9	9	9	9	9

Technical Capability

Printing Process	Litho and screen
Screen Ruling	150 plus
Printing Inks	Conventional, UV and IR are preferred
Embossing	Yes
Varnishing	Machine and UV
Emulsion Sealing	Yes, 130g/m ² 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 150gsm and above or through a solid or dense tone, pre-creasing is advisable, by using a creasing matrix.
Food Contact	Yes, only direct contact with dry and non-fatty foods
Toy Safety	Yes, complies with EN71 Part 3 Toy Safety Regulations
Permanence of Paper	Yes, meets ISO9706 requirements for Permanence of Paper

Environmental Information

Fibre Source	Virgin wood fibre from Austria, Hungary, Czech Republic, Germany, Brazil, Iberian Peninsula, Sweden, Russia and Estonia
Bleaching	Pulp is bleached using mainly a Totally Chlorine Free (TCF) process, but some is bleached using an Elemental Chlorine Free (ECF) process
Disposal	This material can be disposed of by recycling
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 A-S-000009) FSC Mixed Sources product group from well managed forests and other controlled sources