

Core Gloss Paper (ECF) Technical Information

Substance g/m ²	90	100	115	130	150	170
Caliper μm (approx)	70	78	90	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°	65	65	72	75	75	75
Rigidity (Taber) 15° MD	1.0	1.3	1.6	3.4	4.0	5.2
Stiffness Units CD	0.6	0.8	1.0	2.3	3.1	4.1
Surface pH	8.5	8.5	8.5	8.5	8.5	8.5

Environmental Information

FIBRE SOURCE

Virgin wood fibre from Scandinavia and Brazil.

BLEACHING

Pulps used in the production of the above grade are Elemental Chlorine Free (ECF) giving a resultant AOX level of <0.5 kg per 1000 kg of pulp.

DISPOSAL

This material can be disposed of by recycling, incineration for energy recovery or is biodegradable.

PAPER MILL EFFLUENT

Water used is suitably treated then returned to source in a better condition than when removed, in accordance with strict local laws.

ACCREDITATION

Produced at a mill that is certified to the ISO14001 environmental management standard and EMAS environmental management standard (number: FIN-000021).

Technical Capability

Printing Process	-	Litho and screen.
Digital Printing	-	SRA3 size is laser guaranteed and HP Indigo approved.
Screen Ruling	-	150 plus.
Printing Inks	-	Conventional, UV and IR are preferred.
Embossing	-	Yes.
Varnishing	-	Machine and UV.
Emulsion Sealing	-	Yes.
Hot foil blocking	-	Yes.
Film Laminating	-	Yes.
Creasing	-	If folding material 150 g/m ² and above or through a solid or dense tone, pre-creasing is advisable by using a creasing matrix.
Food Contact	-	Yes, dry and non fatty foods.
Permanence of paper	-	Yes, meets ISO9706 requirements for permanence of paper.