

CHARACTER EXPRESS

Substance g/m ²	90	100	120	160	200	250	300	350
Caliper μm (approx)	104	114	134	166	202	250	318	360
Opacity (ISO) %	93	95	96	97				
Brightness (ISO) D65	114	114	114	112	112	112	112	112
Whiteness CIE D65	165	165	165	157	157	157	157	157
Smoothness (Bendtsen) ml/min TS	50	50	50	25	25	25	25	40
Smoothness (Bendtsen) ml/min WS	50	50	50	25	25	25	25	40
Rigidity (Taber Stiffness Units) 15° MD	2.7	3.6	6.9	15	25.5	46	74	88
Rigidity (Taber Stiffness Units) 15° CD	1.4	2.1	4.2	8	14	29	40	42
Surface pH	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7

Technical Capability

Printing Process	Litho
Digital Printing	Cut sizes and SRA3 are laser guaranteed and suitable for Indigo presses.
Screen Ruling	Up to 150
Printing Inks	Conventional, UV and IR preferred. High temperature resistant fully oxidising ink for litho pre-print when subsequent laser printing.
Embossing	Yes
Hot Foil Blocking	Yes, laser grade foil available
Creasing	If folding 160g/m ² or through a solid or dense tone, pre-creasing is advisable by using a creasing matrix.
Thermography	Yes
Copier Guaranteed	Yes, mono and colour
Laser Guaranteed	Yes, mono and colour
Inkjet Guaranteed	Yes, mono and colour
Plain Paper Fax	Yes, 90 and 100g/m ²
Toy Safety	Yes, complies with EN71 Part 3 Toy Safety Regulations
Permanence of Paper	Yes, meets ISO9706 requirements for Permanence of Paper
Technical Advice Sheet	Technical advice leaflet 'A Guide to Laser Papers and Printing' is available for use with this product.

Environmental Information

Fibre Source	Virgin wood fibre from Austria, Canada and South Africa.
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 with the ISO14001 environmental management standard PEFC Certified