


K+E® black inks for sheetfed offset



	Product features	Fastness properties				Printing properties									
		Light fastness	Alcohol	Solvent mixture	Alkali	Depth of shade	Dot gain	Gloss	Setting	Oxidative drying	Rub resistance	Rapid further processing	Suitability for glossy coated papers/board	Suitability for uncoated papers/board	Suitability for matt coated papers/board
Smalloffset															
Offset Black 110	Dries by penetration only, therefore longer drying times compared to standard offset inks. Suitable for indirect letterpress as well as letterpress.	8	-	-	+	6	4	4	7	1	4	5	6	5	3
Matt black															
Matt Black 104	Good matt effect. Fast oxidative drying. Due to the matt effect shorter washing intervals have to be expected. Matt effect develops some time after printing is finished. Due to the matt surface higher sensitivity to scratching as well as mechanical gloss matt effects can be apparent, this can only be avoided by matt-foil laminating.	8	+	+	+	4	4	-	5	7	4	6	7	4	5
1 = Characteristic weakly expressed 7 = Characteristic strongly expressed															
The stated blacks are not for use on food packaging without functional barrier. They are suited for printing work corresponding to ISO 12647-2. The assessment of the colour properties was made under standardised printing conditions. In individual cases, under special conditions, as in printing with very high ink densities, the classification of certain properties may be different.															
Light fastness properties according to ISO 12040: from 1 (low) to 8 (high) Fastness properties according to ISO 2836: + = Resistance provided - = Resistance not provided															

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