



CMS-Systems

The CMS-mixing system consists of 23 high-concentrated basic colours of different fastnesses plus black and transparent white.

In order to meet the respective requirements, the CMS-mixing system enables the mixing of spot colours with high colour intensity and, by its mono-pigmented structure, with highest-possible purity.

The inks of this system contain no dryer. It will have to be added depending on required usage.

Descriptions and fastnesses of the CMS-basic inks:

		Light	Alcohol	Nitro	Alkali	Transparency	lye-resistant	UV-varnish	Disp.-varnish	cellophane
CMS-Yellow	9700	5	+	+	+		+	+	+	+
CMS-Yellow	9701	5	+	+	+		+	+	+	+
CMS-Orange	9702	6	+	+	+		+	+	+	+
CMS-Red	9703	3-4	+	+	+		-	+	+	+
CMS-Red	9704	3	+	+	-		-	-	-	-
CMS-Red	9705	6-7	+	+	+	ld	+	+	+	+
CMS-Red	9706	5	+	+	-		-	bd	bd	bd
CMS-Red	9707	4	-	-	-		-	-	-	-
CMS-Red	9708	6-7	+	+	+		+	+	+	+
CMS-Violet	9709	5	-	-	-		-	-	-	-
CMS-Violet	9710	4	-	-	-		-	-	-	-
CMS-Violet	9712	7	+	+	+		+	+	+	+
CMS-Blue	9713	5	-	-	-		bd	-	-	-
CMS-Blue	9714	8	+	+	+		+	+	+	+
CMS-Green	9715	8	+	+	+		+	+	+	+
CMS-Yellow-greenish	9717	6-7	+	-	+	d	+	bd	+	bd
CMS-Yellow	9718	6	+	+	+	ld	+	+	+	+
CMS-Red	9719	6-7	+	+	+		-	+	+	+
CMS-Red	9721	5	+	-	+		+	bd	+	bd

CMS-Red	9722	6	+	-	+		+	bd	+	bd
CMS-Reflex-Blue	9723	3	-	-	+		+	-	-	-
CMS-Yellow	9724	6-7	+	-	+		+	bd	+	bd
CMS-Red	9725	6	+	+	+		+	+	+	+
CMS-Black	6500	8	+	+	+	d	+	+	+	+
Transparent-White	80973		+	+	+		+	+	+	+

Fastness properties according to:

Light fastness:	ISO 2835:1974
Alcohol/Sprit:	ISO 2836
Solvent Mixture/Nitro:	ISO 2836
Alkali/Alkali:	ISO 2836
Lye resistance:	DIN 16524-7

- CMS-Reflex-Blue 9723: In spite of alkali-fastness dispersion varnishing can lead to bleeding or colour change
- CMS-Blue 9713 lye resistance: The colour of the label is changed, the solution remains unchanged

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