

KEMIK®
Innovation along with tradition

Isocarbo is a century-old Company, since ever dedicated to produce and supply high quality chemicals to Textile Industry. Kemik is the traditional textile dyes division, specialized in development and production of a wide range of dyes for almost every kind of fibre, including cutting-edge specialties like Acetate blends dyes (Colorcet dyes). Environmental friendly products always have been a priority for Kemik: continuous investments in new technologies and processes lead to state-of-the-art production and over 150 ZDHC Level 3 certified products, rapidly increasing, with the declared aim to reach eco-friendly high-level certifications for the whole product portfolio. Together with customer oriented Technical Service and fully equipped Laboratories, Kemik presents itself as a reputable partner for the Textile Industry.

KEMIK
Additional ranges available:

DISCOLOR
Disperse dyes for dyeing and printing of Polyester

COLORCET
Selection of Disperse dyes for Acetate and blends

REACON – REACON P
Reactive dyes for dyeing and printing of Cellulosic fibres

CONDIR
Direct dyes for Cellulosic fibres

BASCON
Cationic dyes for Acrylic



ISOCARBO successfully operates within sectors regulated by very high production and technological standards, in compliance with the most restrictive Health, Safety and Environmental guidelines.



kemik
THE WONDER OF FABRIC

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01.10.2023 Rev.02

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**COLORACID
CONMETAL**

ACID AND
METAL COMPLEX
DYES

TECHNICAL AND COLOUR DATA SHEET

kemik

COLORACID CONMETAL

ACID AND METAL COMPLEX DYES

TECHNICAL AND COLOUR DATA SHEET



		COLORACID YELLOW PR		COLORACID YELLOW GRF		COLORACID YELLOW SWP2		COLORACID ORANGE N-3RL extra conc.		COLORACID ORANGE PR		COLORACID MILLING SCARLET G		COLORACID RED PR		COLORACID MILLING RED BB conc.		COLORACID RED N-3BN super conc.		CONMETAL BORDEAUX RL		CONMETAL BORDEAUX BB-P		COLORACID VIOLET FBL 80%	
FULL SHADE																									
LIGHT SHADE																									
ZDHC Level 3						✓												✓							
Light Fastness (Xenon arc)	1/1	WOOL 5-6	POLYAMIDE 6-7	WOOL 6	POLYAMIDE 6-7	WOOL 5-6	POLYAMIDE 6-7	WOOL 5-6	POLYAMIDE 6-7	WOOL 4-5	POLYAMIDE 5	WOOL 5	POLYAMIDE 5	WOOL 3	POLYAMIDE 3-4	WOOL 5	POLYAMIDE 3-4	WOOL 4-5	POLYAMIDE 3-4	WOOL 7	POLYAMIDE 7	WOOL 6	POLYAMIDE 5	WOOL 5-6	POLYAMIDE 6-7
ISO 105-B02	1/6	5-6	5-6	5	5-6	4-5	5	5	5	4	4	4	4-5	2	3	3-4	3	3-4	3	6-7	7	4-5	5	4-5	5-6
Water Fastness	CC	4-5	5	4	4-5	5	5	4	5	4-5	5	5	5	5	5	4-5	4-5	4-5	5	5	4-5	5	3-4	4-5	5
	WO	4-5	-	3-4	-	4-5	-	3-4	-	5	-	4-5	-	5	-	4-5	-	4-5	-	4-5	-	4-5	-	4-5	-
	PA	-	5	-	4	-	4-5	-	4-5	-	5	-	4-5	-	5	-	5	-	5	-	4-5	-	4	-	4
	CO	4-5	5	4-5	4-5	5	5	4	5	5	5	4-5	5	5	5	5	4-5	5	5	5	4-5	4-5	4	5	5
Washing Fastness (40°C)	CC	5	5	3-4	4	4-5	4-5	4-5	4-5	4-5	4-5	4-5	5	38	5	4-5	4-5	4-5	5	4-5	4	4-5	4-5	4-5	5
	WO	5	-	4	-	4-5	-	4-5	-	5	-	4-5	-	5	-	5	-	5	-	5	-	5	-	5	-
	PA	-	5	-	4	-	4-5	-	4-5	-	5	-	4-5	-	4-5	-	5	-	5	-	4	-	4-5	-	5
	CO	5	5	4-5	5	4-5	5	4-5	5	5	5	4-5	4-5	4-5	5	4-5	5	4-5	5	5	4	5	4-5	5	5
Perspiration Fastness (acid)	CC	4-5	5	4	4-5	5	5	4-5	5	4	5	4-5	5	-	-	4-5	4-5	4-5	5	4	4-5	4	4-5	4-5	5
	WO	4-5	-	3	-	4-5	-	3-4	-	4-5	-	5	-	4-5	-	4-5	-	5	-	4-5	-	4	-	5	-
	PA	-	4-5	-	3-4	-	4-5	-	4-5	-	5	-	4-5	-	-	-	3-4	-	5	-	4	-	4-5	-	5
	CO	4-5	4-5	4	4-5	5	5	4	5	4-5	5	4-5	5	-	-	4-5	3-4	4-5	5	5	4	4-5	4	4-5	5
Perspiration Fastness (alkaline)	CC	4-5	4-5	4	4-5	5	5	4-5	5	4	5	4-5	5	4-5	5	4	4-5	4-5	5	4-5	4	4-5	4-5	4-5	5
	WO	4-5	-	3	-	4-5	-	4	-	4	-	4-5	-	3-4	-	4	-	4-5	-	4-5	-	4-5	-	4-5	-
	PA	-	4-5	-	3-4	-	4	-	4	-	5	-	4-5	-	5	-	3	-	4-5	-	4-5	-	4-5	-	4-5
	CO	4-5	4-5	3-4	4	4-5	4-5	4	4-5	4	5	4-5	4-5	3-4	5	4-5	3	4-5	4	5	4-5	5	4	4-5	5
Colour Fastness to acid felting-Mild	WO	-	-	3-4	-	4-5	-	4	-	4	-	4	-	5	-	4-5	-	4-5	-	4	-	4-5	-	5	-
ISO 105 -E14																									
Chlorinated Water Fastness (100mg/l)	CC	-	4R	-	4	-	5	-	5	-	4-5	-	4	-	-	-	4	-	4	-	5-6	-	4	-	4
ISO 105 -E03																									
Rubbing Fastness	dry	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4	5	4	5	4-5	4-5	4-5	4-5	4-5	5	4-5	4-5	4-5	4-5	5	5
ISO 105-X12	wet	4-5	4-5	4	4	4	4	4	4	3-4	5	3-4	4-5	4	4-5	4	4	4	5	4	4	4	4	4-5	4-5
Suitability for printing		✓								✓		✓		✓		✓		✓		✓				✓	
Full shade =		-	1,00%	-	0,66%	-	1,00%	-	0,80%	-	1,00%	-	2,00%	-	1,00%	-	1,20%	-	0,90%	-	1,00%	-	1,00%	-	1,20%
Light shade =		-	0,25%	-	0,11%	-	0,25%	-	0,15%	-	0,25%	-	0,50%	-	0,25%	-	0,20%	-	0,15%	-	0,25%	-	0,25%	-	0,12%

		COLORACID BLUE 8GW		COLORACID BLUE CRBT		COLORACID FAST BLUE 2GL 200%		COLORACID MILLING BLUE RAW 150%		COLORACID BLUE MF-GL		COLORACID BLUE SWP		COLORACID NAVY C		COLORACID MILLING NAVY BLUE 5R		CONMETAL DEEP BLUE D-TR ultra conc.		COLORACID GREEN GS		CONMETAL BLACK SB		CONMETAL BLACK R-X	
FULL SHADE																									
LIGHT SHADE																									
ZDHC Level 3		✓		✓				✓		✓		✓								✓					
Light Fastness (Xenon arc)	1/1	WOOL 5-6	POLYAMIDE 3-4	WOOL 5-6	POLYAMIDE 6	WOOL 6	POLYAMIDE 7	WOOL 5-6	POLYAMIDE 4-5	WOOL 6	POLYAMIDE 5	WOOL 5-6	POLYAMIDE 5	WOOL 4	POLYAMIDE 4	WOOL 5	POLYAMIDE 6	WOOL 6-7	POLYAMIDE 6-7	WOOL 6	POLYAMIDE 6-7	WOOL 7	POLYAMIDE 7	WOOL 7	POLYAMIDE 7
ISO 105-B02	1/6	4-5	3	5	5	5	6	5	4	5	5	4-5	5	-	-	-	5	5-6	5-6	5	6	-	6	5-6	
Water Fastness	CC	4-5	4-5	5	5	4	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4	4	4	4-5	5	5	4-5	4-5	5	5	5	
	WO	3-4	-	4-5	-	3-4	-	4-5	-	5	-	4	-	4	-	3-4	-	5	-	4-5	-	5	-	5	
	PA	-	4	-	5	-	3-4	-	3-4	-	4	-	4	-	4	-	4	-	4	-	4-5	-	5	-	5
	CO	4	4-5	5	5	4	4	5	4	4-5	5	4-5	4-5	4	4-5	3-4	5	5	4-5	4-5	5	5	5	5	
Washing Fastness (40°C)	CC	4-5	4-5	5	5	3	3-4	4-5	4-5	4-5	5	4-5	4-5	3-4	4	4	5	5	4-5	4-5	5	4	4-5	5	
	WO	4-5	-	4-5	-	3-4	-	4-5	-	4-5	-	4-5	-	4	-	4-5	-	5	-	4	-	4-5	-	5	
	PA	-	4-5	-	5	-	3-4	-	4-5	-	5	-	4-5	-	3	-	3-4	-	4	-	5	-	2-3	-	4
	CO	3-4	4-5	5	5	3	4	5	5	4-5	5	4-5	5	3	3	3-4	4-5	5	5	5	5	5	4	5	
Perspiration Fastness (acid)	CC	4-5	4-5	5	5	4	5	4-5	4-5	4-5	4-5	5	4-5	4	4	4-5	5	4	5	4	5	4-5	4-5	5	
	WO	4	-	4-5	-	3	-	4-5	-	4	-	4-5	-	3-4	-	3-4	-	4-5	-	4	-	5	-	4-5	
	PA	-	4	-	5	-	4	-	3-4	-	4-5	-	4-5	-	3-4	-	4-5	-	4-5	-	4	-	4	-	5
	CO	4	4	5	5	2-3	4-5	4-5	4	4-5	4-5	4-5	4-5	3-4	3-4	3-4	4	5	4	5	5	5	4-5	4	
Perspiration Fastness (alkaline)	CC	4	4	5	5	3-4	4-5	4-5	4-5	4-5	5	4-5	4-5	3-4	3-4	4	4-5	5	4	5	5	4-5	4	5	
	WO	3-4	-	4-5	-	2-3	-	4-5	-	4	-	4	-	3	-	3	-	4-5	-	3-4	-	5	-	4-5	
	PA	-	4	-	5	-	3	-	3	-	4	-	3-4	-	3	-	4	-	4	-	4	-	5	-	
	CO	3-4	4	5	5	2-3	4	4-5	3-4	4-5	4-5	4-5	4	3	3	3	5	4	4	3-4	5	5	4-5	5	
Colour Fastness to acid felting-Mild	WO	4	-	4	-	3	-	4	-	4	-	4	-	3-4	-	3-4	-	3-4	-	4-5	-	5	-	4	
ISO 105 -E14																									
Chlorinated Water Fastness (100mg/l)	CC	-	2	-	3	-	2-3	-	4	-	4	-	4	-	3	-	4	-	3	-	4-5	-	4	-	4-5
ISO 105 -E03																									
Rubbing Fastness	dry	4	4-5	4-5	4-5	4-5	4-5	5	4	4-5	4-5	4-5	4-5	4	4	4-5	4-5	4-5	4-5	4-5	5	4	4-5	4-5	5
ISO 105-X12	wet	3-4	4	4-5	4-5	3-4	3-4	4-5	4-5	4	4-5	4	4-5	3	3	3-4	4-5	4	4-5	3-4	4-5	4	4-5	3-4	4-5
Suitability for printing		✓						✓						✓		✓		✓		✓				✓	
Full shade =		-	1,50%	-	2,00%	-	1,20%	-	1,20%	-	1,80%	-	1,20%	-	2,00%	-	1,00%	-	1,80%	-	2,00%	-	3,00%	-	3,00%
Light shade =		-	0,15%	-	0,25%	-	0,20%	-	0,20%	-	0,30%	-	0,20%	-	0,10%	-	0,20%	-	0,30%	-	0,33%	-	1,00%	-	1,00%

Fastness values on post-treated materials.
CC = Colour Change - WO=Staining on Wool - PA=Staining on Polyamide - CO=Staining on Cotton

WITHOUT WARRANTY