

**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 for printing**  
Disperse dyes for 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

**COLORACID – CONMETAL**  
Acid and Metal-complex dyes for dyeing and printing of Polyamide, Silk and Wool

**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

[www.isocarbo.it](http://www.isocarbo.it)

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**kemik**

**DISCOLOR**  
DISPERSE DYES

TECHNICAL AND COLOUR DATA SHEET

		YELLOW 6GSL	YELLOW 4G	YELLOW 3G 75%	YELLOW GWL	GOLDEN YELLOW CTW	ORANGE G	YELLOW BROWN 2RC/N 150%	BROWN 3REL 95%	SCARLET 2RC 95	SCARLET GS-F	BRILLIANT PINK REL 200%	RED FRL extra conc.	RED 2BL 200%	RED F3BS	RED 2G conc.	RUBINE GL	RUBINE S-2BL conc.	RED X3BN 200%	BRILLIANT VIOLET R	VIOLET BL	VIOLET S-3RL 80%	
FULL SHADE																							
LIGHT SHADE																							
ZDHC Level 3		✓		✓		✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
Light Fastness (Xenon arc)	1/1	7	6-7	6-7	7	6	6-7	6-7	5-6	6	5-6	7-8	6-7	7	5-6	6-7	6-7	5-6	6	6-7	7	5-6	
ISO 105-B02	1/10	6-7	6	6	6-7	5-6	5-6	6-7	5	5	4-5	7-8	6	6-7	5	6	6	5	6	6	6-7	5	
Water Fastness	CC	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
ISO 105-E01	PES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Perspiration Fastness (alkaline)	CC	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
ISO 105-E04	PES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4-5	5	5	5	5	5	5
Washing Fastness (60°C)	CC	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4-5	4-5	4-5	4-5
ISO 105-C06 C25	PES	5	5	5	5	4-5	5	5	4-5	5	5	5	4-5	5	5	5	5	5	4	5	4-5	4-5	5
Dry heat Fastness (150°C - 30'')	CC	5	5	5	4-5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
ISO 105-P01	PES	5	5	4-5	4-5	5	5	5	5	5	5	4	5	5	5	5	5	5	4-5	5	4-5	4-5	5
Dry heat Fastness (180°C - 30'')	CC	5	5	5	4-5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	5
ISO 105-P01	PES	5	4	3-4	4-5	4-5	5	4-5	5	4-5	4-5	3-4	5	5	4-5	4-5	4	4-5	3	4-5	4-5	4-5	5
Dry cleaning Fastness	CC	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
ISO 105-D01		Full shade = 0,75%	0,50%	1,00%	3,00%	1,00%	1,00%	1,00%	0,75%	0,75%	1,00%	2,00%	0,75%	2,00%	0,75%	0,75%	0,50%	1,00%	2,00%	0,75%	1,00%	0,75%	
		Light shade = 0,05%	0,03%	0,07%	0,25%	0,10%	0,10%	0,10%	0,05%	0,05%	0,10%	0,10%	0,05%	0,20%	0,05%	0,05%	0,03%	0,50%	0,20%	0,05%	0,20%	0,05%	

		TURQUOISE XF	BLUE BG	BLUE GSL	BLUE 2-BLN 150%	BLUE FB 300% New	BLUE BC-FS	BLUE RD-BN	BLUE XAF	ROYAL BLUE CC	NAVY BLUE 3RT	NAVY BLUE FGL 220%	NAVY BLUE RD-SF 255% ECO	GREEN 6B	BLACK HF	BLACK KB 90%	BLACK RD-GN liq.	BLACK RD-SF 300% Eco
FULL SHADE																		
LIGHT SHADE																		
ZDHC Level 3		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Light Fastness (Xenon arc)	1/1	5-6	7	6	6-7	6	6-7	6	5-6	6	5-6	6-7	5-6	4-5	6-7	6-7	6	6
ISO 105-B02	1/10	5-6	7	5-6	5-6	5-6	6-7	5	5	5-6	5-6	5-6	4	4	(1/2) 6	(1/2) 5-6	(1/2) 5-6	(1/2) 4-5
Water Fastness	CC	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
ISO 105-E01	PES	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Perspiration Fastness (alkaline)	CC	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
ISO 105-E04	PES	5	5	5	5	5	5	5	5	5	4-5	5	4-5	5	4-5	5	5	5
Washing Fastness (60°C)	CC	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
ISO 105-C06 C25	PES	4-5	5	5	5	5	5	5	5	5	4-5	4-5	4-5	5	5	4	4-5	4-5
Dry heat Fastness (150°C - 30'')	CC	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
ISO 105-P01	PES	5	5	5	4-5	5	5	5	5	5	5	5	5	5	5	5	4-5	5
Dry heat Fastness (180°C - 30'')	CC	5	5	5	4-5	5	5	5	5	5	4-5	5	5	5	5	5	5	5
ISO 105-P01	PES	4	3-4	4-5	3-4	4	5	4	5	4	4	4-5	4	4-5	4-5	4	3-4	3-4
Dry cleaning Fastness	CC	4-5	5	5	5	5	5	5	5	5	5	5	5	5	5	4-5	5	5
ISO 105-D01		Full shade = 2,00%	2,00%	1,00%	1,00%	0,75%	1,00%	0,80%	1,20%	0,50%	1,00%	2,00%	2,35%	2,20%	5,00%	3,30%	6,00%	3,00%
		Light shade = 0,20%	0,20%	0,10%	0,10%	0,05%	0,10%	0,08%	0,12%	0,05%	0,10%	1,00%	1,17%	0,22%	2,50%	1,65%	3,00%	1,50%

FLUORESCENT AND HIGH BRILLIANCY DYES		
FLAVINE YELLOW 10GX 400%		ZDHC Level 3
BRILLIANT RED G		ZDHC Level 3
BRILLIANT PINK SR		ZDHC Level 3
CYANINE BLUE B		ZDHC Level 3
BRILLIANT BLUE B 300%		ZDHC Level 3

CC = Colour Change - PES=Staining on Polyester

WITHOUT WARRANTY