

Imcocet disperse dyes

Recommendation for combination dyeing

I. For pale shades - applicable to HT exhaust and thermosol dyeing

Imcocet Yellow 3GE 200%
Imcocet Red FB 200%
Imcocet Blue FBLC 150%

Supplementary Dyes:
Imcocet Orange F3R 200%

II. For a wide range of shades - applicable to HT exhaust and thermosol dyeing

Imcocet Yellow 4GN 200%
Imcocet Red SFB 150%
Imcocet Blue S-2R 200%

Supplementary Dyes:
Imcocet Orange GL 200%
Imcocet Rubine FL 200%

III. For dark, deep shades - applicable to HT exhaust and thermosol dyeing

Imcocet Yellow Brown 2RFL 150%
Imcocet Red 3BLS 100%
Imcocet Navy Blue GLS 200%

Supplementary Dyes:
Imcocet Orange GL 200%
Imcocet Rubine FL 200%
Imcocet Navy Blue EX-SF 300%

IV. For bright, brilliant shades - applicable to HT exhaust and thermosol dyeing

Imcocet Yellow 6GSL 200%
Imcocet Red SFB 150%
Imcocet Brill. Blue BGE 200%

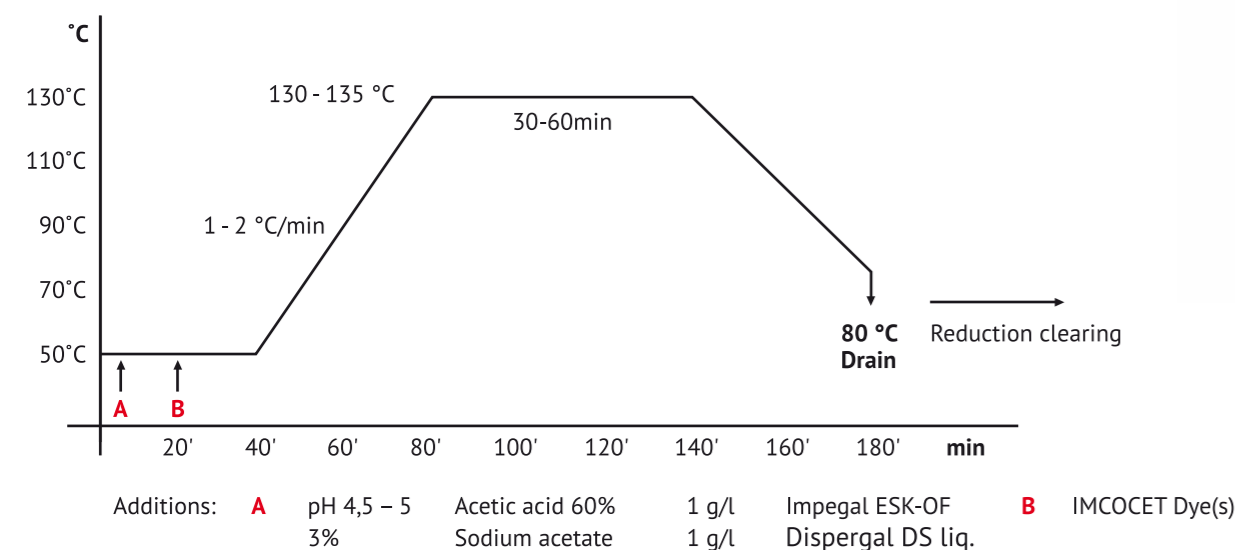
V. For luminous shades - applicable to HT exhaust and thermosol dyeing

Imcocet Luminous Yellow 10GN 400%
Imcocet Luminous Red G 200%

or optionally:

Imcocet Luminous Yellow 10GN 400%
Imcocet Rhodamine BG 200%

Standard HT dyeing process



Impocolor – color your life

Imcocet disperse dyes provide good overall fastness properties and can be applied to a wide range of processes including high-temperature (HT) dyeing, thermosol dyeing and carrier dyeing.

The Imcocet series.

Imcocet disperse dyes

impocolor
dyes & chemicals

Impocolor high quality disperse dyes for polyester and blends covering a wide colour spectrum and various fields of applications

The information contained in this document is based upon the best knowledge available to us at present state. They do not intend to guarantee any kind of product performance, specific use or application result, since the customised conditions of use and application are beyond our knowledge and control. It is therefore strongly recommended that, before proceeding to industrial scale work, trials should be carried out to access product performance under the specific conditions that will be encountered. Possible trade mark rights as well as existing laws and regulations are to be followed by recipient of our products at his own responsibility.

komtex GmbH
Steinlachstr. 109
72116 Mössingen, Germany

Tel. +49 (0)7473 922 208-0
Fax +49 (0)7473 922 208-20
service@komtex-solutions.com
www.komtex-solutions.com

Imcocet disperse dyes

Imcocet disperse dyes provide good overall fastness properties and can be applied to a wide range of processes including high-temperature (HT) dyeing, thermosol dyeing and carrier dyeing.

Our versatile range of disperse dyes also includes several dyes suitable for printing, dyes with excellent cotton reservation, as well as luminous dyes for high visibility clothing.

	0,5%		2,0%		Energy Class*	pH Range (dyeing)	Sublimation Fastness (180 °C, 30 sec.)			Light Fastness (Xeno 1/2)		Washing Fastness (60 °C)		Process Suitability**			Optimum temperature for Thermosol	Suitability for dyeing of polyester/cellulose fibre blends (cotton fabric colour stain)
	1	2	3	4			5	6	7	8	9	10	11	12	13	14		
Imcocet Yellow 6GSL 200%			H	4 - 7	4 - 5	7	5	5	VS (++)	S (+)	VS (++)	VS (++)	210 °C	4 - 5				
Imcocet Yellow 4GN 200%			M	4 - 6	3 - 4	6	4 - 5	5	VS (++)	S (+)	VS (++)	LS (o)	205 °C	4				
Imcocet Yellow 3GE 200%			L	4 - 8	3 - 4	6	5	5	VS (++)	VS (++)	S (+)	US (-)	200 °C	2 - 3				
Imcocet Orange GL 200%			M	4 - 8	4 - 5	6	4 - 5	5	VS (++)	S (+)	S (+)	S (+)	205 °C	4				
Imcocet Yellow Brown 2RFL 150%			H	4 - 7	4 - 5	6	4 - 5	5	VS (++)	S (+)	VS (++)	VS (++)	210 - 215 °C	4				
Imcocet Orange F3R 200%			L	4 - 8	4	5	4 - 5	5	VS (++)	S (+)	US (-)	US (-)	NR***	4				
Imcocet Scarlet GS 200%			M	4 - 8	3 - 4	6	4 - 5	5	VS (++)	US (-)	S (+)	S (+)	205 °C	2				
Imcocet Red BS 200%			H	4 - 8	4	5	4 - 5	5	VS (++)	S (+)	S (+)	VS (++)	210 °C	2 - 3				

	0,5%		2,0%		Energy Class*	pH Range (dyeing)	Sublimation Fastness (180 °C, 30 sec.)			Light Fastness (Xeno 1/2)		Washing Fastness (60 °C)		Process Suitability**			Optimum temperature for Thermosol	Suitability for dyeing of polyester/cellulose fibre blends (cotton fabric colour stain)
	1	2	3	4			5	6	7	8	9	10	11	12	13	14		
Imcocet Red FB 200%			L	4 - 7	3 - 4	6 - 7	4 - 5	5	VS (++)	VS (++)	LS (o)	LS (o)	NR***	3				
Imcocet Red SFB 150%			H	3 - 9	4 - 5	5 - 6	4 - 5	5	VS (++)	S (+)	VS (++)	VS (++)	210 °C	4 - 5				
Imcocet Red 3BLS 100%			H	4 - 6	4	6 - 7	4 - 5	5	VS (++)	S (+)	VS (++)	VS (++)	210 - 215 °C	1 - 2				
Imcocet Rubine FL 200%			M	4 - 7	4	6	5	5	VS (++)	S (+)	S (+)	LS (o)	205 °C	2				
Imcocet Brill. Blue BGE 200%			H	4 - 6	5	7	4 - 5	5	VS (++)	VS (++)	VS (++)	S (+)	210 °C	3 - 4				
Imcocet Blue FBLC 150%			L	3 - 9	3	7	4 - 5	5	VS (++)	S (+)	US (-)	US (-)	NR***	2 - 3				
Imcocet Blue S2R 200%			M	4 - 6	4	5 - 6	4 - 5	5	VS (++)	US (-)	S (+)	S (+)	205 - 210 °C	4 - 5				
Imcocet Navy Blue 3RT 200%			M	4 - 6	4	6	4 - 5	5	VS (++)	S (+)	S (+)	LS (o)	205 °C	3				

	0,5%		2,0%		Energy class*	pH Range (dyeing)	Sublimation Fastness (180 °C, 30 sec.)			Light Fastness (Xeno 1/2)		Washing Fastness (60 °C)		Process Suitability**			Optimum temperature for Thermosol	Suitability for dyeing of polyester/cellulose fibre blends (cotton fabric colour stain)
	1	2	3	4			5	6	7	8	9	10	11	12	13	14		
Imcocet Navy Blue GLS 200%			H	4 - 6	4 - 5	5 - 6	4 - 5	5	VS (++)	US (-)	VS (++)	LS (o)	215 - 220 °C	4 - 5				
Imcocet Navy Blue EX-SF 300%			H	4 - 8	3 - 4	6	4 - 5	5	VS (++)	US (-)	US (-)	LS (o)	NR***	4				
Imcocet Luminous Yellow 10GN 400%			H	4 - 6	4 - 5	4	5	5	VS (++)	S (+)	VS (++)	S (+)	200 - 205 °C	4				
Imcocet Luminous Red G 200%			H	4 - 8	4 - 5	5	5	5	VS (++)	US (-)	VS (++)	S (+)	215 - 220 °C	3				
Imcocet Rhodamine BG 200%			H	4 - 6	4	6	4 - 5	5	VS (++)	US (-)	S (+)	S (+)	205 °C	3 - 4				
Imcocet Black EX-SF 300%			H	4 - 6	3 - 4	6	4 - 5	5	VS (++)	US (-)	US (-)	LS (o)	NR***	4 - 5				
Imcocet Black CCR 300%			H	3 - 8	4	5 - 6	4 - 5	5	VS (++)	US (-)	S (+)	LS (o)	215 °C	4 - 5				

*L = Low, M = Medium, H = High **VS= Very Suitable S = Suitable, LS=Limited Suitability, US=Unsuitable *** NR = Not recommended