

Levafix[®] Amber CA-N & Red CA-N

Perfect partner for ternary shades



Levafix Amber CA-N:

Non photochromic trichromatic yellow, perfect partner for ternary shades

The advantages of Levafix Amber CA-N at a glance :

Color Confidence

- ✓ Non photochromic trichromatic yellow, perfect partner for ternary shades
- ✓ Recommended for pale to medium shades
- ✓ Replacement for Levafix Amber CA
- ✓ MUCH less staining of PA
- ✓ High fastness to light and perspiration light
- ✓ High fastness to peroxide and chlorine

Controlled Coloration

- ✓ Flexible use for exhaust, continuous and CPB processes
- ✓ Very good reproducibility and levelness
- ✓ Balanced migration behaviour
- ✓ Comparable wash-off behaviour to Levafix Amber CA

Levafix Red CA-N:

Red component for medium to deep ternary shades with other Levafix CA dyes

The advantages of Levafix Red CA-N at a glance:

Color Confidence

- ✓ Bluish red shade, perfect partner for ternary shades
- ✓ Recommended for medium to dark shades
- ✓ Alternative for Levafix Red CA
- ✓ Good, comparable light fastness
- ✓ High fastness to chlorine and nitrogen gases

Controlled Coloration

- ✓ Flexible use for exhaust and padding processes
- ✓ Very good reproducibility and levelness
- ✓ Balanced migration behaviour
- ✓ Comparable wash-off behaviour to Levafix Red CA

Levafix Amber CA-N and Levafix Red CA-N econfidence facts:

- ✓ AOX free
- ✓ Metal free
- ✓ Full compliance with Oeko-Tex Standard 100
- ✓ Meet all Restricted Substance Lists (RSL)
- ✓ bluesign approved
- ✓ GOTS approved



Levafix Amber CA-N: Technical Properties

0.25%		1.00%		4.00%				
Suitability for processes								
✓ Exhaust dyeing process	✓ Pad-dry-pad-steam process	✓ Econtrol® process						
✓ Cold pad-batch process	✓ Pad-dry-steam process	✓ Pad-dry-thermofix process						
(✓) PES/CEL reverse process	✓ Pad-steam process	✓ TTN- process						
Solubility under dyeing conditions								
Neutral substantivity	Medium	Glauber's salt		Common salt				
Reactivity	Medium	50 g/l	80 g/l	50 g/l	80 g/l			
Fixation value	85%	15	15	15	15			
Selected fastness properties (on bleached, mercerized woven cotton fabric)								
Standard depth		1/25	1/12	1/6	1/3	1/1		
Light fastness ISO 105-B02		5-6	5-6	5-6	5-6	5-6		
Nike PLF alk. (ISO 105-B07)		4	4	4	4-5	4-5		
Multiple Wash (M&S C10A)		4-5	4-5	5	5	5		
Standard depth 1/1	S	CTA	CA	CO	PA 6.6	PES	PAN	CV
Home laundry / washing 60 °ISO 105-C06-C2S	5	5		4-5	5	5	5	5
Nitrogen fastness ISO 105-G01 3x	5							
Chlorine fastness ISO 105-E03 (20 ppm)	5							

Levafix Red CA-N: Technical Properties

0.25%		1.00%		4.00%				
Suitability for processes								
✓ Exhaust dyeing process	✓ Pad-dry-pad-steam process	✓ Econtrol® process						
✓ Cold pad-batch process	✓ Pad-dry-steam process	✓ Pad-dry-thermofix process						
✓ PES/CEL reverse process	✓ Pad-steam process							
Solubility under dyeing conditions								
Neutral substantivity	High	Glauber's salt		Common salt				
Reactivity	High	50 g/l	80 g/l	50 g/l	80 g/l			
Fixation value	70%	15	15	15	15			
Selected fastness properties (on bleached, mercerized woven cotton fabric)								
Standard depth		1/25	1/12	1/6	1/3	1/1		
Light fastness ISO 105-B02		3-4	3-4	3-4	3-4	4-5		
Nike PLF alk. (ISO 105-B07)		2	2	2-3	3	3-4		
Multiple Wash (M&S C10A)		5	5	5	5	5		
Standard depth 1/1	S	CTA	CA	CO	PA 6.6	PES	PAN	CV
Home laundry / washing 60 °ISO 105-C06-C2S	4-5	5		4-5	5	5	5	5
Nitrogen fastness ISO 105-G01 3x	4-5							
Chlorine fastness ISO 105-E03 (20 ppm)	4							

Sustainability is our responsibility. At DyStar, our products and services help customers worldwide reduce costs, shorten lead times and meet stringent quality and ecological specifications.



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