

NOVACRON® Blue EC-R

Strong blue dye with outstanding build-up. Contains copper. Basis for combination shades. High light fastness. Recommended for dyeing emerized fabric.

1/1 SD, PB, CO. merc. 22.0 g/kg

1/1 SD, exhaust CO. knit n merc. 2.82 %

Suitability

Exhaust dyeing process	■	Pad-thermofix	■
Pad-patch	■	Pad humidity	■
Pad-dry-pad-steam	■	Suitable for dyeing PES / CEL exhaust	□
Pad-steam	■	Suitable for dyeing PES / CEL conti (without RC)	■

Dyeing Properties

Solubility	NaCl	g/l	–	60	60
	Soda ash	g/l	–	–	20
30°C		g/l	100	30	30
70°C		g/l	100	30	30

Final exhaustion	97%
Final fixation	87%
Washing-off properties	■
Reservation of PA (66 Nylon sp)	□
Reservation of PA (66 Nylon fi)	□
Coverage of dead cotton	□
Coverage of the barriness of viscose	□
Most suitable stripping method	AB, BA
Suitable stripping methods	A, B
Partial stripping	30%

Influence of liquor ratio	6:1	8:1	10:1
Yield	105	100	95

Influence of salt addition	– 10%	normal	10%
Yield	100	100	102

Key:
■ very good ■ good □ moderate – not recommended

Process Robustness

During dyeing	
Reduction	□
Cu ions in the dyebath	■
Fe ions in the dyebath	■
Chlorine in process water	□
During cationic aftertreatment	
Shade change	■
Reduced light fastness	■

Key:
■ not sensitive ■ slightly sensitive
□ moderately sensitive – highly recommended

During drying (shade change)	
Residual alkali	■
Residual acid	■
Residual hardness salts	■
Gas-heated dryers (nitrogen oxides)	■
Hot pressing	immediately ■
Hot pressing	after 4 hours ■
During finishing	
Shade change with	
Reduced light fastness with	

2.4 g/kg

12 g/kg