

SUSTAINABLE REACTIVE DYEING ON CEL

With SARABID SPIDER and REWIN GAP

GOTS APPROVED

SUSTAINABLE REACTIVE DYEING

SARABID SPIDER

As a multifunctional product for all important properties in reactive dyeing, SARABID SPIDER has a controlling and correcting function in the dye bath. Perfectly dosable and low-foaming, it allows the desired color effects from batch to batch.



REWIND GAP

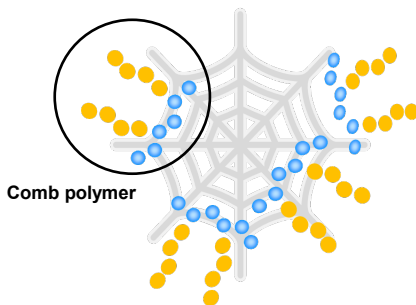
Cationic aftertreatment agent for good wash and contact fastness requirements. Especially on all direct and reactive shades.

BENEFITS SARABID SPIDER

Special CHT Polymer Technology

Managing hydrophobic substances:

- ▶ Washing off oils
- ▶ Dispersing dyestuffs
- ▶ Masking of non-ionic surfactants



Managing hydrophilic substances:

- ▶ Silicate dispersion
- ▶ Sequestration / Dispersion Ca, Mg
- ▶ Buffering COOH groups
- ▶ Can be used in continuous reactive dyeing for dyestuff solving and clean foulard application
- ▶ improves the solubility of poorly dissolving dyestuffs and is also good for short liquor ratios

BENEFITS REWIND GAP








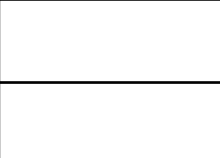
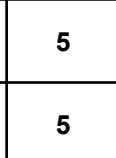
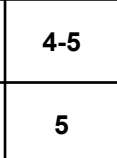



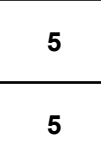
- ▶ Wash fastness improvement on direct and reactive dyeings at 40 °C
- ▶ Improvement of contact fastness
- ▶ Applicable for exhaust and padding processes and suitable for high finishing recipes
- ▶ Depending on dyestuff, no or little influence on the colour shade and the light fastness
- ▶ Migration protection
- ▶ Protection from hydrolysis and thermal cracking in case of application of reactive dyeings
- ▶ No or minimal influence on fabric handle in case of application according to instructions
- ▶ No influence on the absorbency




FASTNESS IMPROVEMENT WITH REWIN GAP

4.0 % BEZAKTIV Red S-MATRIX








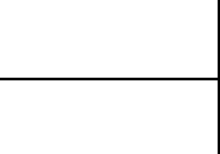

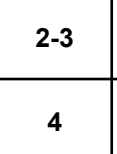
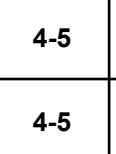
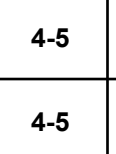
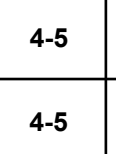
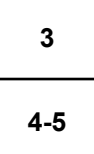
Perspiration fastness alkaline DIN EN ISO 105-E04

	specimen	CA	CO	PA	PES	PAN	WO
without aftertreatment							
3.0 % REWIN GAP							
without aftertreatment		5	4-5	4- <u>5</u>	4- <u>5</u>	5	5
3.0 % REWIN GAP		5	5	5	5	5	5

Wash fastness 60 °C DIN EN ISO 105-C06 C1S

	specimen	CTA	CO	PA	PES	PAN	CV
without aftertreatment							
3.0 % REWIN GAP							
without aftertreatment		5	2-3	4-5	5	5	3-4
3.0 % REWIN GAP		5	4-5	5	5	5	4- <u>5</u>








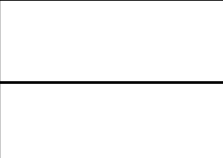
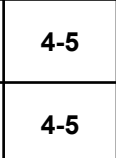


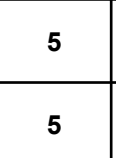
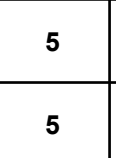
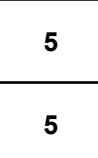
Wash fastness 95 °C DIN EN ISO 105-C06 E1S

	specimen	CTA	CO	PA	PES	PAN	CV
without aftertreatment							
3.0 % REWIN GAP							
without aftertreatment		4-5	2-3	4-5	4-5	4-5	3
3.0 % REWIN GAP		5	4	4-5	4-5	4-5	4-5

FASTNESS IMPROVEMENT WITH REWIN GAP

3.0 % BEZAKTIV Navy ONE






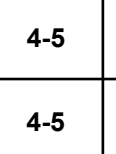
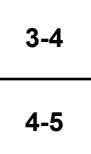
Perspiration fastness alkaline DIN EN ISO 105-E04

	specimen	CA	CO	PA	PES	PAN	WO
without aftertreatment							
3.0 % REWIN GAP							
without aftertreatment		4-5	4-5	5	5	5	5
3.0 % REWIN GAP		4-5	5	5	5	5	5

Wash fastness 60 °C DIN EN ISO 105-C06 C1S

	specimen	CTA	CO	PA	PES	PAN	CV
without aftertreatment							
3.0 % REWIN GAP							
without aftertreatment		5	4-5	5	4-5	4-5	4-5
3.0 % REWIN GAP		5	4-5	5	5	4-5	5

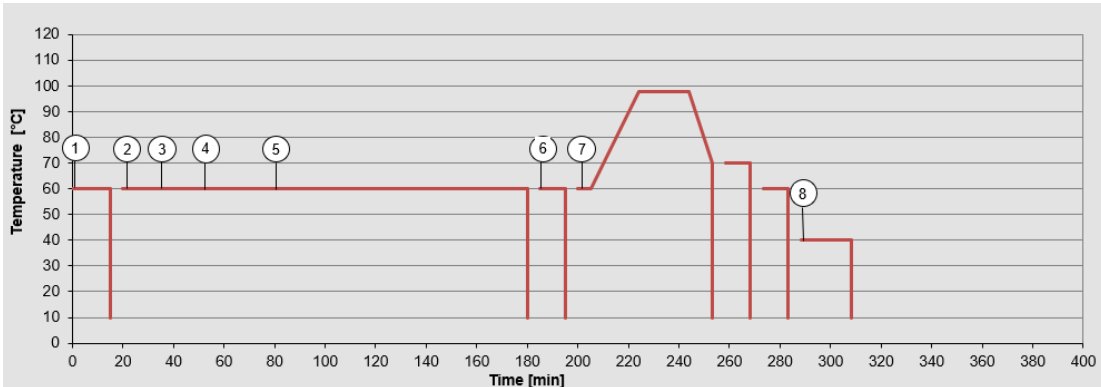
Wash fastness 95 °C DIN EN ISO 105-C06 E1S

	specimen	CTA	CO	PA	PES	PAN	CV
without aftertreatment							
3.0 % REWIN GAP							
without aftertreatment		5	4	4-5	4-5	4-5	3-4
3.0 % REWIN GAP		5	4-5	4-5	4-5	4-5	4-5

SUSTAINABLE REACTIVE DYEING

Recipe

For a GOTS compliant process we recommend, beside our approved auxiliaries, dyestuffs from the BEZAKTIV ONE dyestuff range.



4SUCCESS

1	SARABID SPIDER	2.0 g/l
	KOLLASOL CDS	0.5 g/l
2	SARABID SPIDER	1.0 g/l
3	Glauber's salt	x g/l
	dosing in 20 min	
4	BEZAKTIV dyes	y %
5	dosing in 45 min	
	Soda ash	5.0 g/l
	NaOH 50%	z ml/l
6	NEUTRACID NVM 200	pH 7.0
7	COTOBLANC PCS	1.0 g/l
8	NEUTRACID NVM 200	pH 5.5
	REWIN GAP	3.0 %





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Version 10/22