REWIN KNR

Character	Fastness-improving aftertreatment agent for PA dyeings
Chemical Character	Condensate of aromatic sulphonic acids
Appearance	Yellow-brown, viscous liquid
Ionic Character	Anionic
pH Value	7.6 – 9.0
Specific Weight at 20 °C	1.05
Stabilities	REWIN KNR is stable to acids, alkalis in the usual concentrations and water hardeners. However, the product must not be directly blended with concentrated acids. A simultaneous application of non-ionic auxiliaries may impair the efficiency. REWIN KNR is not compatible with cationic products. The product is sensitive to frost to a certain extent; changes occurring at low temperatures disappear after warming up and stirring thoroughly.
Storage	On proper storage in closed original containers, the product is stable for at least 12 months.

The above given values are product describing data. Please consult the 'delivery specification' for binding product specifications. Further data about product properties, toxicological, ecological data as well as data relevant to safety can be found in the safety data sheet.

Properties

REWIN KNR is an aftertreatment agent which improves the wet fastness of dyeings and prints with acid dyestuffs on polyamide fibres. The handle and the shade are hardly impaired by the product. The fastness improvement is dyestuff and fibre specific.

If a subsequent thermo-fixation process or a steaming is carried out, the improved wet fastness achieved with REWIN KNR is only slightly impaired or not at all.

REWIN KNR does not impair the light fastness of the dyeings.

Application Technique

Diluting Instructions

REWIN KNR can be easily diluted with cold and warm water (40 °C). Prior to use the product is diluted with water before it is added to the aftertreatment liquor and before the diluted acid is added.

Application Fields

The aftertreatment with REWIN KNR is always done on a fresh bath, especially if slightly cationic levelling agents are used for dyeing.

Aftertreatment

After a thorough rinsing on a fresh bath with

2.0 – 4.0 % REWIN KNR

the dyed fabrics are treated and rinsed at pH 4.0 - 5.0 for 15 - 20 min at 70 - 80 °C. Since the absorption capacity of REWIN KNR depends on the pH value, temperature and affinity of the polyamide quality, the diluted acid is only added at a temperature of 60 °C. The complete absorption of REWIN KNR by the PA fabric is only ensured at a temperature of 60 °C. After the addition of the acid, the liquor is heated up furthermore to 70 – 80 °C and the material is treated as described above.

Stripping

If a batch must be repaired (e.g. shade too deep, crossdyeing, etc.), REWIN KNR can be stripped by means of an alkaline treatment:

2.0 g/l soda ash

20 - 30 min at 95 – 98 °C, rinse

This largely eliminates the product from the fabric. Minor residues of REWIN KNR on the polyamide do not disturb the subsequent crossdyeing process.

We reserve the right to modify the product and technical leaflet.

Our department for applied technique is always at your service for further information and advice.

Our technical advice and recommendations given verbally, in writing or by trials are believed to be correct. They are neither binding with regard to possible rights of third parties nor do they exempt you from your task of examining the suitability of our products for the intended use. We cannot accept any responsibility for application and processing methods which are beyond our control.

Edition: May 2024.

CHT GERMANY GMBH, P.O. Box 12 80, 72002 Tübingen, Bismarckstraße 102, 72072 Tübingen, Germany

Telephone: 07071/154-0, Fax: 07071/154-290, Email: info@cht.com, homepage: www.cht.com

CHT TURKEY KİMYA SAN. VE TİC.A.Ş., Akçaburgaz Mah. 3118. Sok. No:2 Esenyurt/İstanbul, Tel: +90 212 886 79 13, Fax:+90 212 886 93 47, Email:info.turkey@cht.com