

DENIMCOL SPEC MGC

Characterization	Polymer paste for transparent, shiny spray coatings on garment articles
Chemical Structure	Polymer compound with special additives
Appearance	Beige paste
Ionic character	Anionic
pH Value	8.0 - 9.0
Density	Approx. 1.0 g/cm ³
Stabilities	DENIMCOL SPEC MGC is very sensitive to frost; after the impact of temperatures around the freezing point irreversible changes occur. The product is sensitive to temperatures higher than 40 °C.
Storage	Store in closed original containers between + 5 °C and + 40 °C. Protect from frost and excessive heat. Opened containers have to be reclosed well. The product has to be stirred up well before use. 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

- DENIMCOL SPEC MGC is a polymer paste for creating transparent, shiny spray coatings like the WAX SHINE effect of CHT.
 - DENIMCOL SPEC MGC forms a soft, dry, somewhat waxy-like film. After fixation at 150 °C, it has a good permanence.
 - The shine is created by washing with hard rubber balls and drying in the tumbler. Friction of textile/textile intensifies the shine very much.
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Application Procedure

Dilution instructions

DENIMCOL SPEC MGC can be diluted with soft water to any desired concentration.

Application Fields

Application in the WAX SHINE-Finish for creating a noble shine on garment wovens made of cellulosic fibres and their mixtures with synthetic.

Application Proposal

The materials in use shall be free from sizes or softener layers for ensuring an optimal permanence. The intensity of the shin increases by a smooth fabric surface with very little structure. A preceding biofinish treatment is very helpful in many cases. Dark colours also increase the shine.

DENIMCOL SPEC MGC is normally sprayed on from a prediluted solution.

The spray layer shall be smoothened out immediately after application with a brush or by hand (gloves). The higher the spray application, the stronger the shine effect.

If the product is applied in the spray process, please make sure to sufficiently ventilate the working place and to use suitable protective gear (see material safety data sheet).

For increasing the permanence, we recommend the addition of 20.0 – 30.0 g/l DENIMCOL SPEC FIX ML 55.

Crosslinkage of the polymer film is done at 150 °C in the condensation oven. Normally, 8 - 10 minutes are enough to achieve a total crosslinkage.

Recipe Recommendation

WAX SHINE Effect

Material: Non-denim garments (flat woven fabric or twill) or denim articles.

Spray application all over:

600,0	-	750,0	g/l	DENIMCOL SPEC MGC
20.0	-	30.0	g/l	DENIMCOL SPEC FIX ML 55

30 - 35 % spray application

Smoothening of the spray layer by brush or hand (wear gloves)

Drying at 90 °C in the oven

Condensation at 150 °C, 8 - 10 min

After a short rinsing process, soften with hard plastic balls:

Liquor ratio approx. 1 : 8

Hard plastic balls: approx. 1 : 1

3.0 % DENIMCOL SOFT-SMF

pH 5.0 – 6.0 with acetic acid

10 – 15 min at 35 °C

Tumbler drying

Optional: Let rotate cold for 60 minutes in the tumbler to reproduce the mechanic effect during wearing.
Another possibility of intensifying the shin is polish with paper.

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.

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