
COLORCONTIN MCD NEW

Character	Padding agent for continuous and cold pad-batch dyeing process for cellulose fibres and cellulose blends Penetration and deaerating agent for discontinuous dyeings
Chemical character	Phosphoric acid ester
Appearance	Yellow, brownish liquid
Ionic character	Anionic
pH-value of a	Approx. 5.5 - 7.0
Specific weight at 20 °C	Approx. 1.2
Stabilities	The product is sensitive to frost to a certain extent; modifications occurring at low temperatures disappear when the product is warmed up and after it has been stirred thoroughly.
Storage	COLORCONTIN MCD NEW can be stored for at least 6 months if stored properly in closed original containers.

Properties

The product is a deaerator and wetting agent which has been especially adapted to the dyeing with direct, reactive, vat, sulphur and disperse dyestuffs. The product is excellently compatible with the stated dyestuff classes and may be applied in all the usual continuous and semi-continuous dyeing processes without impairing the fixation behaviour.

The application of COLORCONTIN MCD NEW contributes to an excellent and reproducible fabric penetration both in dyestuff padding liquors and in fixation liquors containing electrolytes. Moreover, a long lasting antifoaming effect is achieved by the application of COLORCONTIN MCD NEW. The excellent wetting and penetration behaviour efficiently contributes to more even and more reproducible dyeings. The use of COLORCONTIN MCD NEW reduces known and problematic dyeing differences between selvedge – centre – selvedge and tailings of big production lots.

COLORCONTIN MCD NEW can be combined with anionic and non-ionic wetting and washing agents without any restriction. The chemical composition allows working in strongly alkaline and acid pH ranges.

Due to its anionic character COLORCONTIN MCD NEW can be completely washed off and has therefore no impact on subsequent fluorocarbon finishes.

Due to its very good and uniform penetration of material with dyeing liquor it supports achieving solid and even dyeing results.

Application technique

Diluting instructions

COLORCONTIN MCD NEW is dilutable with cold water in every ratio.

Application fields

COLORCONTIN MCD NEW is used for continuous dyeing with reactive, vat, substantive, sulphur and disperse dyestuffs. COLORCONTIN MCD NEW can also be applied in long liquor ratio with cross-wound bobbins, yarn packages and for jigger dyeings.

Application amounts

The necessary application amount depends on the substrate and the fabric speed when dyeing continuously.

Continuous dyeing process:

2.0 - 5.0 g/l	COLORCONTIN MCD NEW
according to the material and the liquor pickup	
depending on dyeing procedure it is recommended using and anti-migration agent	
5.0 - 20.0 g/l	MIGRASOL SAP

Jigger and long liquor dyeings:

1.0 - 2.0 g/l	COLORCONTIN MCD NEW
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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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