

Product Information Textile Auxiliaries

ChemStrengt

Polymeric strength improver

USES

APEO and Formaldehyde-free polymeric finishing agent

PROPERTIES :

Nonionic structure
Max 1000 mpas viscosity
Transparent and very elastic film properties
Can be used spray , exhaust, dipping and foulard applications
Good fastness properties
Can not cause yellowing problems
Tg (°C) = -15 °C

COMPOSITION :

Synergic Mixture of Polyurethane

APPLICATION :

RAW GARMENT APPLICATIONS

For 3-D effects without strength loss(%100 cotton fabrics for 5 wash fastness of 3-D effects)

Dipping Process

% 6 –18 ChemResin LT

% 5 –10 ChemStrengt

%1 -2 ChemSilNew

Curing Temperature & Time: 90 -105°C 20 -15 min

RAW GARMENT APPLICATIONS

For 3-D effects without strength loss (%100 cotton fabrics for 5 wash fastness of 3-D effects)

Spray Application:

% 10 –25 ChemResin LT

% 8 –15 ChemStrengt

% 1 –2 ChemSilNew

Curing Temperature & Time: 90 -105°C 20 -15 min

For 3-D effects without strength loss (for blended cotton fabrics)

Dipping Application:

% 10 –20 ChemResin LT

% 8 –15 ChemStrengt

% 1 –2 ChemSilNew

% 1 –3 OxalicAcid

Curing Temperature & Time: 90 -105°C 20 -15

min Spray Application:

% 13 –25 ChemResin LT

% 8 –15 ChemStrengt

% 1 –2 ChemSilNew

% 1 –3 OxalicAcid

Curing Temperature & Time: 90 -105°C 20 -15 min

APPLICATION :

WASHED GARMENT APPLICATIONS

For 3-D effects without strength loss (%100 cotton fabrics for 5 wash fastness of 3-D effects)

***** Before application please check hydrophilicity of garment (Must be use hydrophilic silicone softener without cationic or non ionic softener in last process for more 3-D effects)**

For 3-D effects without strength loss (for blended and %100 cotton fabrics)

Spray Application:

% 50 –60 ChemResin LT

% 25 –30 ChemStrengt

% 2 –3 ChemFast

% 1 –2 ChemSilNew

Curing Temperature & Time: 90 -105°C 20 -15 min

For 3-D effects for more 3-D (Blended cotton fabrics with mostly PES And elastomeric fibre)

Spray Application:

% 50 –60 ChemResin LT

% 30 –40 ChemStrengt

% 1 –2 ChemSilNew

% 2 –4 OxalicAcid

Curing Temperature & Time: 90 -105°C 20 -15 min

APPLICATION :

IMPROVE STRENGTH APPLICATIONS

Dipping Application for Laundry

20 –100 g/l ChemStrengt

Dry 60 -95°C 35 – 45 min

Foulard Application

20 –100 g/l ChemStrengt

Dry 150 -160°C 1,5 – 1 min for Stenter

Exhaust Application

10 –30 g/l ChemStrengt

Dry 150 -160°C 1,5 – 1 min (For Stenter)

Dry 60 -95°C 35 – 45 min (For Laundry)

Storage :

The product sensitive to frost and heat and must not be stored at temperature below 0°C or above 40°C . Irreparable damage is possible. In case of suspected frost or heat damage , the usability of the product has to be checked before processing.

Attention :

The above recommendations are based on comprehensive studies and experience made in practical finishing. They are, however, without liability regarding property rights of third parties and foreign laws. The user should test for himself whether the product and the application are suited for his very special purposes. We are, above all, not liable for fields and methods of application which have not been put down by us in writing. Advice for marking regulations and protective measures can be taken from the respective safety data sheet.

color Chem :

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