

# TECHNICAL DATASHEET

## DEMPOL 0112 (50%)

### STIFFENING AGENT FOR TEXTILES

DEMPOL 0112 (50%) IS A WATER-BASED.  
VINYL ACETATE HOMOPOLYMER EMULSION, HAVING 50% SOLID  
CONTENT.  
APEO free - SVHC free.

### EMULSION PROPERTIES

Type of Polymer	: Polyvinyl Acetate Homopolymer
Solid Content (%)	: 50 ± 1
pH (at 25°C)	: 3,5 – 5
Particle Size (micron)	: 0.6 – 0.8
Viscosity (Brookfield RVT) (at 25 °C)	: 37000-50000 mPa.s (spindle:6/10 rpm)
Stabilizing System	: Anionic-Nonionic
Free Monomer Content (%)	: <0.3
Density (at 20 °C)	: 1,1-1,2 (gr/ml)
Minimum Film Forming Temperature (°C)	: +13.5 / +14.2
Film Appearance (at 25 °C)	: Clear, hard, brittle

## APPLICATIONS

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DEMPO 0112 (50%) is successfully used in textile finishing since it does not coagulate over the rollers. During the application, DEMPOL 0112 (50%) does not produce any foam.

### TEXTILE FINISHING

DEMPOL 0112 (50%) is a high viscous and hard type of finishing agent. During the application it can be dissolved in cold or luke warm water at any concentration according to the touch desired.

The fabric is then passed through the foulard and dried at 130-140 °C if finishing of tulle is required 15 percent of DEMPOL 0112 (50%) solution can be recommended.

Eventhough DEMPOL 0112 (%50) is protected from microorganisms. It is required to add antibacterial agents to the finished products to ensure good storage stability.

## SAFETY

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**PERSONAL PROTECTION** : Wear suitable protective clothing , gloves and glasses for eye / face protection.

**SKIN CONTACT** : Wash skin as soon as possible with plenty of water.

**EYE CONTACT** : Flush immediately with plenty of water , keeping eyelids open , for at least 15 minutes. Remove contact lenses. Seek for medical assistance.

## HANDLING & STORAGE

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### HANDLING

: Ventilate the working place thoroughly. Avoid contact with skin, eyes and clothes. No eating and drinking in the work place.

### STORAGE

: Stable for 12 months , in close drums at ambient temperature (+5 / +40°C) avoid freezing temperatures and sources of heat and direct sunlight.

### NOTE

The above information is based on our knowledge and experience. In view of many factors that may affect processing and application, these data do not relieve end-users from the responsibility of carrying out their own tests and experiments.

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