



TECHNICAL INFORMATION

Sözalprint MV 550

Thickener for Textile Printing

- Sözalprint MV/550 is suitable for table, flat and rotary screen printing machines for Cellulosic fabrics.
- Sözalprint MV/550 allows prints with good color yield and excellent levelness and sharpness, even when several overprints are carried out.
- Sözalprint MV/550 is washable and therefore allows prints with soft final handle.
- The main differences between Sözalprint MV/550 and pure sodium alginates can be summarized as follows:
 - higher color yield versus all HV and MV pure alginates
 - similar washability
 - similar concentration of usage, compared to MV alginates
 - higher speed of printing on rotary machine
- Sözalprint MV/550 due to its chemical constitution, does not show any affinity to cellulosic substrate, permitting to obtain prints with soft handle.

PROPERTIES

Component	Blend of natural and synthetic polymer
Appearance	Whitish powder
Stock thickener concentration	6-7%
Solubility	Soluble in cold water
pH	Neutral
Ionic Structure	Anionic
Compatibility with other chemicals	Stability to heavy metals unstable

Application

PREPARATION OF PRINTING PASTE

The following sequence is suggested:

		COTTON	VISCOSE
Water	g/kg	balanced	balanced
Urea	g/kg	100	180
Segasol S	g/kg	10	10
Sodium carbonate	g/kg	30	30
Sözalprints MV 550	g/kg	40-50	40-50
DYE	g/kg	x	x
Total		1000	

Storage

Storage is 6 months in its original package and at room temperature. It must be protect from hot and cold ambient conditions. At 0°C freezes, but becomes active again when the ice thaws.

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