

TECHNICAL DATA SHEET

TECHNALGIN 55 MV

CHARACTERISTICS:

Chemical composition	: sodium alginate
Appearance	: brown powder
Ionic activity	: anionic
Solubility	: good
Stock solution	: prepared at 4-5% in cold water by rapid stirring
pH value	: neutral
Viscosity 5%	: 28,000 – 32,000 cps on Brookfield RVF at 20 rpm
Biodegradability	: the product is biodegradable

APPLICATIONS

Technalgin 55 MV is suitable for the following applications:

- Cellulosic fibres: printing with reactive dyestuffs.
Technalgin 55 MV can also be used in particular process, such as resist printing and reactive under reactive printing (wet on wet).
- Polyester: printing with disperse dyestuffs and fixing under high temperature and high pressure steaming.
Technalgin 55 MV may be applied alone or in blend with other thickeners.

COMPATIBILITY

Technalgin 55 MV is compatible with major auxiliaries and chemicals normally used in different textile printing recipes as well with the specific dyestuffs classes for the above mentioned fibres.

FLOW PROPERTIES

The excellent flow properties meet all requirements of the different printing machines.

WASHABILITY

If *Technalgin 55 MV* is used properly, it can be washed off easily ensuring a soft handle of the printed fabrics.

STORAGE

If *Technalgin 55 MV* is kept wrapped in its original packing and stored in a cool and dry place it will remain stable for several months.

PRESERVATION

Technalgin 55 MV contains preservatives. Stock solutions and readily prepared printing pastes show good viscosity stability. These should be additionally preserved if the working conditions are extreme, such as great heat and use of untreated water.