

SODIUM ALGINATE PRINTING PASTE


Product introduction

Sodium Alginate is mainly used as the thickener in the printing industry, providing necessary viscosity for printing paste. Its unique properties: To prevent the paste bleeding on the fabric; The affinity to most of the dye is small, easy to transfer dye on the fabric and increase the apparent dyeing color; Good printing uniformity; soft chorion is formed on the fabric, and will not crack in the process of subsequent drying; Not react with a component of a color paste; In the washing process after dyeing it is very easy to be washed out without affecting the soft handle; Good storage stability, easy to use. Having the appropriate shear stress and rheological property suitable for printing.

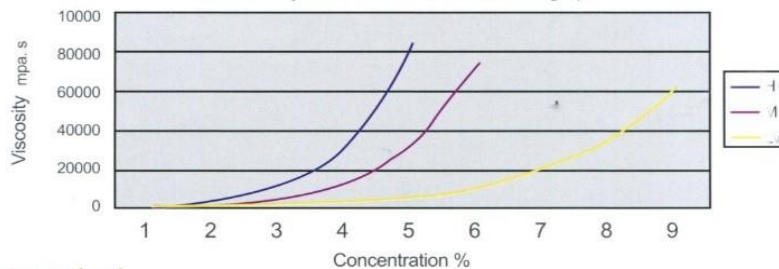
Product standard

According to different viscosity, Sodium alginate printing paste is divided in 3 series: HV - MV - LV. In addition, it also can be produced according to customer's special requirements, to provide the most suitable solution.

The properties and applications

		HV series		MV series			LV series	
		01	02	01	02	03	01	02
Basic performance	Solid content	low	low	middle	middle	middle	high	high
	Mobility	middle	middle	good	good	good	good	good
	Colour yield	high	high	high	high	high	high	high
	Homogeneity	good	good	good	good	good	good	good
	Edge Sharpness	high	high	high	high	high	high	high
	Eccysis good	good	good	good	good	good	good	good
Applied fields:								
Baffeta								
Wool fabric								
Chemical & blended fabric								

The viscosity and concentration relational graph



Product use method

Adding an appropriate amount of water in a blender, open the high speed stirring, slowly add sodium alginate and resist salt s (or its substitute, consider to add the moderate amount of sodium hexametaphosphate in the water hardness area), stir 30 minutes, and then continue to add water, an add auxiliaries such as baking soda, urea etc, stir to dissolve adequately, the whole process takes about 2-3 hours (associated with stirring speed and stirring method), and then move into the storage tank, at last add dye, after that it can be used.

Packing and storage

25 kg/bag; polyethylene plastic bags inside, plastic woven bags outside

This product should be stored in clean, dry and ventilated environment, sealing preservation