



ChemiMatrix

Fixing Agent

Description

Poly Dimethyldiallylammonium Chloride / Cation Polymer / Polyamine Cationic Polymer Formaldehyde-free fixing agent belongs to polymerization polyamine cationic polymer/ Micromolecule aromatic sulfo-acid condensation polymer.

Application

In the condition of suitable pH (5.5~6.5), temperature under 50~70°C adding HMF1 to dyeing and soaping treated fabric for 15-20 mins treatment. It should add HMF-1 before temperature rise, after add at the temperature will heat up. Dosage of fixing agent is depend on the fabric color concentration, the suggested dosages as followed:

1. Dipping : 0.2~0.7 % (o.w.f)
2. Padding : 4~10g/L

If the fixing agent is applied after finishing process, then could be used with non-ionic softener, best dosage depends on test.

Fixing Agent	HMF-1	HMF-2
Appearance	colorless or light yellow viscous liquid	Red-brown transparent liquid
Solid content%	40±0.5	50±0.5
Viscosity (mpa.s 25°C)	8000~12000	2000~3000
PH (1% water solution)	3.0~7.0	7.0~10.0

Fixing Agent	HMF-3	HMF-6
Appearance	Light yellow transparent liquid	Red-brown transparent liquid
Solid content%	60±0.5	48±0.5
Viscosity (mpa.s 25°C)	7.0~10.0	500~6000
PH (1% water solution)		2.0~6.0

Fixing Agent	HMF-10	HMF-12
Appearance	Red-brown transparent liquid	Light brown liquid
Solid content%	60±0.5	60±0.5
Viscosity (mpa.s 25°C)	7.0~9.0	1.5~3.5
PH (1% water solution)	Easily dissolve in water	Easily soluble

Package and Storage

Package: 1 . It is Packaged in 50L , 125L, 200L, 1100L plastic drum.

Storage: It should be stored in a cool, dry and ventilated place, at room temperature.

Shelflife : 12 months.



HMF 1



HMF 2



HMF 3



HMF 6



HMF 10



HMF 12