



Prosil MWA

Hydrophilic Silicon Micro Emulsion

Product Description

Prosil MWA is especially designed hydrophilic silicon micro emulsion for highly efficient, economical micro emulsion for permanent finishing effects on all types of cotton fabrics and its blends.

Properties

- ✦ Extra ordinary soft, pleasant and elegant touch.
- ✦ Provides high elasticity, toughness and strong recovery of shape.
- ✦ Shear stable for both Continuous and batch process.
- ✦ No scum problem on padder.
- ✦ Increases tear resistance and reduce the creasing tendency.
- ✦ Easy sewing.
- ✦ Reduces the amount of needed resin.

Characteristics

Composition	Fourth generation Modified Polysiloxane, micro emulsions
Aspect	Pale liquid
Ionic character	Non ionic
pH (5% Soln)	6 ± 1
Compatibility	Compatible with most finishing agents
Active contents	55% ± 3%

Application

Prosil MWA can be applied both padding and by the exhaust process. Prosil MWA can be applied in circulating-liquor machines, winch becks, and jet machines.

2 - 5% → Prosil MWA (based on the fabric weight)

Prosil MWA is applied by padding at room temperature. The liquor pickup is around 60-90%, depending on the type of fabrics.

20-50 g/l → Prosil MWA

pH of bath must be acidic for exhaust and padding process.

Notes

The ready-to-use finishing liquor should have a pH approx.5.0. The permanence of silicones, silicone-containing products on fabric demands care and attention, because faulty batches are very difficult to correct.

Alkaline goods should be adjusted to a slightly acid pH before finishing. The wash and rub fastness of colored and printed goods are generally unchanged. Only in rare instances do these properties deteriorate. An adverse effect on the degree of whiteness is very unlikely under normal curing conditions.

Storage

The product has to be kept in sealed containers and in fresh dry places for its good preservation. Its shelf life is 9 months since the manufacture date.

Toxicology

Usual precautions of hygiene at work and keeping chemicals should be observed. Toxicological properties can be found in the Safety Sheet.

Note

The suggestions and data in this bulletin are based on information we believed to be reliable. It is offered in good faith, but WITH OUT GUARANTEE, as the conditions and methods of the use of our products are beyond our control. We always recommend that the prospective user should determine the suitability of our products and suggestions on an experimental basis first, before adapting on a commercial scale.

MN Chemical Industries (PVT.) LTD.

Faisalabad Pakistan www.mnchemical.com.pk , asad@mnchemical.com.pk