

POLYSOFT MAC Conc.

Concentrated macro emulsion of amino-functional silicone oil

- Properties :**
- provides a very soft, lofty and slippery touch on most types of fabrics.
 - imparts an excellent smooth and fall hand to fabrics.
 - is stable to yellowing at drying temperatures up to 170°C.
 - imparts good anti-static property with an elastic softness.
 - compatible with other finishing agents and cross-linking agents used during resin finishing.
 - is an excellent color shade deeper.

Field of application

- Substrate** : woven and knit goods of all fiber types and their blends, especially cotton, viscose, C/P, P/V fibers.
- Aggregate** : padding and minimum application devices
- Operation** : softening, antistatic, silky and good handling, improving of color shade deep

Characteristics

- Type of product** : macro emulsion of amino-functional silicone oil
- Appearance** : white emulsion
- Ionic nature** : non-ionic
- pH of 1% sol.** : 6-7

Application

It may be applied by exhaust and padding processes, but is mainly applied for the padding procedure.

Before using, it is required to pre-test for compatibility with other finishing agents and also preliminary test is recommended for every using time to be sure not expired; because the macro silicone emulsions are very sensitive to storage conditions.

Dissolving : Can be mixed water in every ratio. Water should be added on the product little by little.

Guide recipes :

Exhaustion method : 1.0-3.0% o.w.f. of **POLYSOFT MAC Conc.** related to L:R=1-10,
pH: 4.5-5.5, Time: 10-20 min., drying at 130°C, curing at 150°C for 4 minutes.

Padding method : 10-30 g/l **POLYSOFT MAC Conc.** related to liquor pick up 70% Dry in wet,
pH: 4.5-5.5, drying at 130°C and curing at 150°C for 4 minutes.

Storage stability : 6 months in closed original containers and should be stored at room temperature.

The indications given herein correspond to practical experiences. Owing to the differences in local conditions they cannot claim to be complete, so that any liabilities - also with a view to claims of third parties - are excluded.