

StarSil™ EAS 15

Amino Functional Silicone Fluid

Product Description

StarSil™ EAS 15 is an amino functional silicone softener, which when emulsified will develop a smooth elastomeric finish on cotton, cotton/polyester or polyester fabrics. StarSil™ EAS 15 is particularly applicable to fabric which will be compressively shrunk such as shirtings, especially pin point oxford. Emulsions of StarSil™ EAS 15 are exceptionally stable and are compatible with all products typically used in textile finishing

Special Properties

- Smooth, soft handle
- Elastomeric

Typical Physical Properties*

Appearance.....water white, slightly hazy
 Viscosity.....<5,000 cps
 % Volatiles.....<10%
 Amine value.....7.4 – 9.7 mgKOH/g

** These items are provided as general information only. They are approximate values and are not considered part of the product specifications.*

Application

Emulsions of StarSil™ EAS 15 may be added directly to the finishing bath. They may be applied as a pure finish or may be co-applied with resins or softeners. Typical application level is 1–3% owb. Try to avoid over drying when applying to terry towel.

Storage

StarSil™ EAS 15 may be stored for six months at 60–90°F (16–32°C).

Emulsification Procedure

1.	Water 1	54%	
2.	Acetic Acid		0.15%
3.	Sodium chloride	0.05%	
4.	TDA 6		12.5%
5.	Starsil™ EAS 15		25%
6.	Water 2	8.35%	
7.	Preservative		0.1%

Charge 1-4. Mix until uniform and begin heating to 55 C. Charge 5. Mix until clear. Charge water 2 and preservative.

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