

RESSISOFT QUARTZ

Textile finishing

Description	RESSISOFT QUARTZ is a quats modified hydrophilic silicone oil. It can provide instant hydrophilic and superior softness and smoothness of all kinds of cotton fabrics.
Examples of applications	<ul style="list-style-type: none"> • Suitable for the formulation of micro emulsions and macro emulsions • Provide soft and smooth handling of various cellulose fibre and the blend fabric • Increase the tear strength of cotton woven fabric • Be used for hydrophilic soft finishing of White or light fabric • Can be utilized as the active substance in softener emulsions or in combination with other components, e.g. paraffin waxes, organic softeners, etc • Easy to combine with cotton fiber and feel is retained after washing
Key benefits	<ul style="list-style-type: none"> • No effect on the hydrophilicity of the fibers; • Non-irritating, volatile solvent, environmentally friendly; • No effect on the color and color fastness of textile and fibre in general; • The finishing liquid has good stability :acid and alkali resistance, high temperature resistance, high shear resistance; • Suitable for impregnating, rolling and spraying.
Typical properties	<p>Apperance clever or transparant l yellow liquid Viscosity, at 25°C, approx. 5000 Amine value, (%). 0.32 Active matter content, % 89 Ionic type Weak cationic</p> <p><i>Please note: The typical properties are not intended for use in preparing specifications. Please contact our local Sales Department for assistance in writing specifications</i></p>
Instruction of use	<p>RESSISOFT QUARTZ is easy to emulsify into microemulsion for soft and smooth hand feeling of fabrics. The emulsion can be easily made by using C13[EO]10 fatty alcohol ethoxy compounds as emulsifiers.</p> <p>Emulsification formula:</p> <ul style="list-style-type: none"> • RESSISOFT QUARTZ24g • HAc0.3g • C13(EO)108g • water18g • water259.7g • t o t a l1 0 0 <p>Emulsification process :</p> <ol style="list-style-type: none"> 1) RESSISOFT QUARTZ, HAc and surfactant are mixed together, and the water1 is gradually added and mix evenly; 2) Water 2 slowly added to the emulsion until the water was added
Packaging	RESSISOFT QUARTZ is available in 190kg metal drums
Storage and shelf life	When stored in its original unopened packaging at a temperature 2°C~30°C, RESSISOFT QUARTZ may be stored for up to 12 months from its date of manufacture (expiry date). Comply with the storage instructions and expiry date marked on the packaging. Past this date, Elken Silicones no longer guarantees that the product meets the sales specifications.
Safety	Please consult the Safety Data Sheet of RESSISOFT QUARTZ