

Technical Data Sheet

Qualix-RPL

(C₀ Chemistry Chemical)

Qualix-RPL is a Fluorocarbon free waterproofing agent for cellulosic and synthetic fabrics and their blend. Qualix-RPL can also be used as an extender in combination with fluorocarbon finishes.

Properties

Appearance	:	White Emulsion
Main Ingredient	:	fatty acid derivative modified with a melamine containing paraffin wax
Ionic Character	:	cationic
pH	:	3.0-4.5
Solubility	:	Soluble
Solids Content	:	25%
Viscosity	:	100cps
Stability	:	Stable for 12 month, if stored currently
Storage Condition	:	Store in well sealed container between 5 and 35°C

Characteristics

1. Fluorocarbon free water repellent finish
2. Imparts water repellence that is durable to washing but not durable to dry cleaning
3. Stable to acid but not alkali
4. Easily diluted in cold water
5. Can be used as an extender for fluorocarbon finishes.

Applications

In Padding (Cellulosic):	Qualix RPL	30-100g/l
	Acetic Acid	1 cc/l
	Aluminium Sulphate*	2-5 g/l
	Drying	100 °C for 1 min
	Curing (low temp)	140 °C for 2 min
	Curing (high temp)	180 °C for 45 seconds
In Padding (Synthetic):	Qualix RPL	30-60 g/l
	Acetic Acid	1 cc/l
	Aluminium Sulphate*	2-3 g/l
	Drying	100 °C for 1 min
	Curing (low temp)	140°C for 2 min
	Curing (high temp)	180°C for 45 seconds

* Optional use as a catalyst to give slight boost to performance.

Quality Chem

Manufacturer, Importers & Exporters

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