

POLYGUARD RDL Conc.

Water, Dirt and Oil Repellent Finishing agent

Properties

- is compatible with cationic and nonionic products.
- imparts excellent durable water, dirt and oil repellency to the weaving or knitting cotton, synthetics, viscose and their blends.
- can be applied to white and colored fabrics.
- is resistant to washing and dry cleaning and has excellent chemical and mechanical stability.

Field of application

Substrate : cotton, viscose, wool, polyamide, polyester and their blends

Aggregate : padding, foam application, exhaustion and spray process

Operation : water, dirt and oil repellent finish

Characteristics

Type of product : fluoro-alkyl acrylic copolymer

Ionic nature : slightly cationic

Appearance : milky-white to cream colored liquid

pH of 1% sol. : 4.0 – 5.0

Solid content : 35% (+/- 1%)

Application

Dissolving method : can be easily diluted with water.

Guide recipes : It is added to the bath either directly or after pre-dilution with water.

Due to kind of fibers (natural more than synthetic),

Padding : 20-50g/l **Polyguard RDL Conc.** related to pick up 70% and pH: 6.0-8.0 .

Exhaust : 2.0-5.0% **Polyguard RDL Conc.** for 20-30 min. at 40°C .

Drying : 100-120°C for 1-2 min. related to kind of fibers.

Curing : 150-180°C for 30-120 sec. related to kind of fibers.

It is advisable to add small amount of melamine resin and NH₄Cl as its catalyst to have better result.

Storage stability : 12 months in closed original containers 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.