

ADI-REPEL F-C6

Fluorocarbon Water Repellent

ADI-REPEL F-C6is a C6 chemistry-based fluorocarbon which can impart durable water and oil repellency with soft hand to synthetic fibers like nylon and polyester and to natural fibers like cotton.

ADI-REPEL F-C6also has the advantage of good mechanical stability and good compatibility with a variety of textile treating agents. These characteristics make treating operation easy because of less gumming-up and less scum when padding.

Benefits

- Make the fabric water resistant completely and partially
- Also repel oily substance

Properties

Chemical composition:	Organic phosphonate
Ionic character	Weakly cationic
Physical form:	White translucent emulsion
Storage stability:	ADI-REPEL F-C6is recommended to store
	at should be stored at Temperatures
	between 5°C and 45°C the products stored
	in sealed container at recommended level
	will maintain 90% activity.

Application

1) General water and oil repellant finish

Treating condition:

Pad – dry: 100° C for 60sec Cure: 170° C for 30sec

Pick up: PET tropical 80% Cotton broad 65%

Dosages: 1% to 2% depending on requirements of water/oil repellency.

2) **Durable water and oil repellant**

Finish treating condition: Pad-dry 110°C for 60sec Cure 170°C for 30sec

Dosages: 5% to 8% depending on requirement of repellency for nylon & cotton materials.

3) **Mechanical Stability**

2% - **ADI-REPEL F-C6** bath is stable to contamination of 0.01% acid dye. 0.01% fixing agent.

NOTE: - The information and data contained herein are based on controlled or lab work. The recommendations are given on Previous experience basis but cannot be extended to cover every possible case. It should be verified and evaluated by The user by testing for the intended conditions of use. AIDA dyes & chemical does not express or imply any Warranty or guarantee. The suitability of the product for the application, intended by buyer of the product