

REPEL R3 Polyurethan Copolymer

Product Description

REPE R3 is non-fluorinated polyurethane copolymer water repellent. It has excellent water repellent performance for polyester, nylon, cotton, T/C textiles. It impacts soft hand feeling, little hand scratches and color change.

Typical Physical Properties

Property	Unit	Value
Appearance		White to off-white emulsion
pH		3.0 to 5.0
Solid	%	24 to 25
Ionic		Cationic
Dilute		In water at any ratio

Application

- Does not contain APEO, PFOS, PFOA and other banned substances, environmentally friendly fluorine -free water repellent agent.
- Good washing resistance, adding crosslinking agent to improve washing resistance significantly.
- After finishing, the fabric feels soft, and the hand scratches is very light.
- Good stability and good continuous performance.

Recommended method of use

1. Ordinary waterproof fabric finishing

REPE R3: 20~50g/L.

Padding, drying, and baking at 160°C~180°C for 40~60 seconds.

2. Washable and waterproof fabric finishing

REPE R3: 30~50g/L.

Crosslinker 3525/3918: 10~16 g/L

Padding, drying, and baking at 160°C~180°C for 40~60 seconds.

HANDLING PRECAUTIONS PRODUCT SAFETY

USABLE LIFE AND STORAGE

When stored at 5 to 35°C in the original unopened containers this product has a usable life of 6 months from the date of production.

PACKING INFORMATION

REPEL R3 is available in 120KG/Drum 1000KG ICB container, net weight.

LIMITATIONS

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that our products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent. Chevell's sole warranty is that our products will meet the sales specifications in effect at the time of shipment.