

SHELL TECH 6 ELITE

Fluorine Containing DWR

SHELL TECH 6 ELITE is a premium C6-based aqueous fluorochemical finish designed to impart high oil & water repellency to natural and synthetic fibers particularly those containing polyester. **SHELL TECH 6 ELITE**- repellent is formulated to provide brands and mills with a breakthrough level of performance using environmentally compliant C6 fluoropolymer chemistry. Based on proprietary chemistry developed by Bolger & O'Hearn, **SHELL TECH 6 ELITE** provides unprecedented long-term protection against water, oils and stains.

Physical Properties:

- Appearance: white liquid
- pH: 3.50 - 5.00
- Ionic Nature: Cationic
- Chemical Structure: Fluoropolymer dispersion

Advantages:

- Produces excellent water and oil repellence with high durability to washing
- High hydrostatic and water impact resistance for medical gowns
- Robust processing
- Highly effective for woven and non-woven polyester textiles

Procedure:

A concentration of 3.0 - 5.0 % owb is normally adequate for most applications. 6.0-12.0% owb can be used for more demanding repellency applications.

Shell Tech 6 Elite-E finishes can generally be used with most coating or finishing chemicals; however, laboratory testing for compatibility is suggested.

The treated fabric should be dried between 300 to 350 °F for 1 to 1 ½ min.

Curing finished goods at between 350 to 375 °F for 1-2 min improves durability. For temperature-sensitive fabrics, curing at 350 °F for 1 min is generally adequate.

Information contained in this technical data sheet is up-to-date and correct to the best of our knowledge at the date of issue and are subject to change. As Organic Dyes and Pigments LLC cannot control or anticipate the conditions under which this product may be used, each user should review the information in specific context of the planned use. Organic Dyes and Pigments LLC will not be responsible for damages of any nature resulting from the use or reliance upon the information contained in this data sheet. No express or implied warranties are given.
Released: 04/25 RY

Contact an ORCO™ Representative TODAY!

Corporate Office
1 Crownmark Drive
Lincoln, RI 02865
Tel: 800-556-6784
Fax: 401-434-2390
email: info@organicdye.com



www.organicdye.com

ISO 9001 Certified