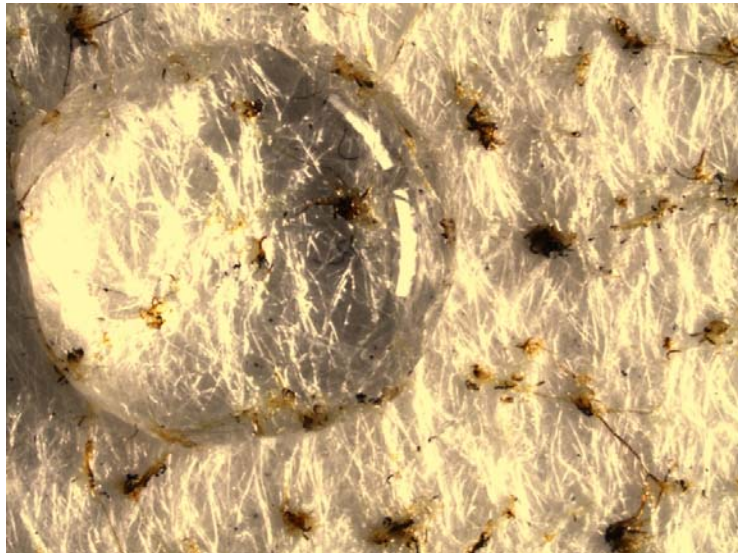


## RHYTES TREATMENT:

Rhytes is a **special combination of chemical treatments** and represents the ultimate finishing for **high temperature felts**. Testori uses both **PTFE and fluorocarbon resin** to completely encapsulate the fibers while forming **additional fibrils** and providing the dust cake release. Oil and water repellency is also increased by this fluorocarbon bath treatment. The combination of finishes is dried and cured to securely bond it to all fiber surface area in a needle felt.

Typically, Rhytes is applied to the high temperature fiber group: **aramid, PPS and P84<sup>®</sup>**. This fiber group is used in the most difficult applications where long life, high efficiency and resistance to chemicals, hydrolytic and oxidative attack is required.

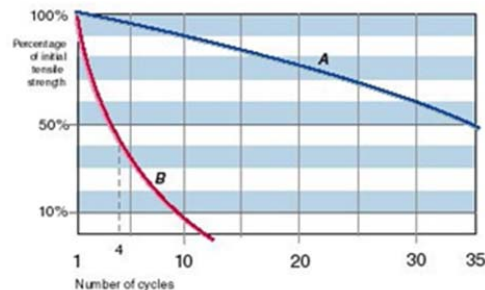


## MAIN CHARACTERISTICS:

- **Increased efficiency** with oil and water repellency
- Temperature resistant to 260 °C / 500 °F
- **Durable and long lasting**, contributes to longer bag life
- **Protection from aggressive gas stream components** which could attack fiber polymers

## END USES:

High temperature applications in waste to energy, industrial and utility boilers; chemical processes; gypsum, cement and lime production; aggressive gas stream conditions.



**A** Nomex<sup>®</sup> Rhytes  
**B** Nomex<sup>®</sup>  
A cycle consists of an immersion into an acid solution containing H<sub>2</sub>SO<sub>4</sub> (pH 1-1,5) followed by drying in an oven at 185 °C for 5 min.

