

FIBER & TEXTILE AUXILIARIES

ANTHYDRIN DNF

Expect the unexpected



ZSCHIMMER & SCHWARZ

ANTHYDRIN DNF

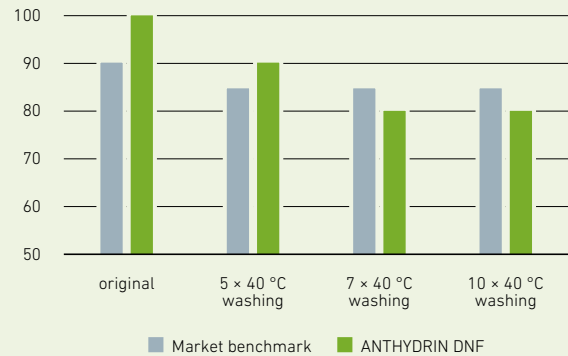
Fluorine-free water repellency for polyester, polyamide and cotton

ANTHYDRIN DNF is a fluorine-free water repellent for polyester, polyamide and cotton. It was developed to meet the growing demand for textile finishes that avoid critical substances such as PFOS and PFOA. Despite being fluorine-free, ANTHYDRIN DNF provides excellent water repellency and washing resistance, while maintaining a soft handle. ANTHYDRIN DNF is characterized by a special chemical construction that results in outstanding water repellency properties.

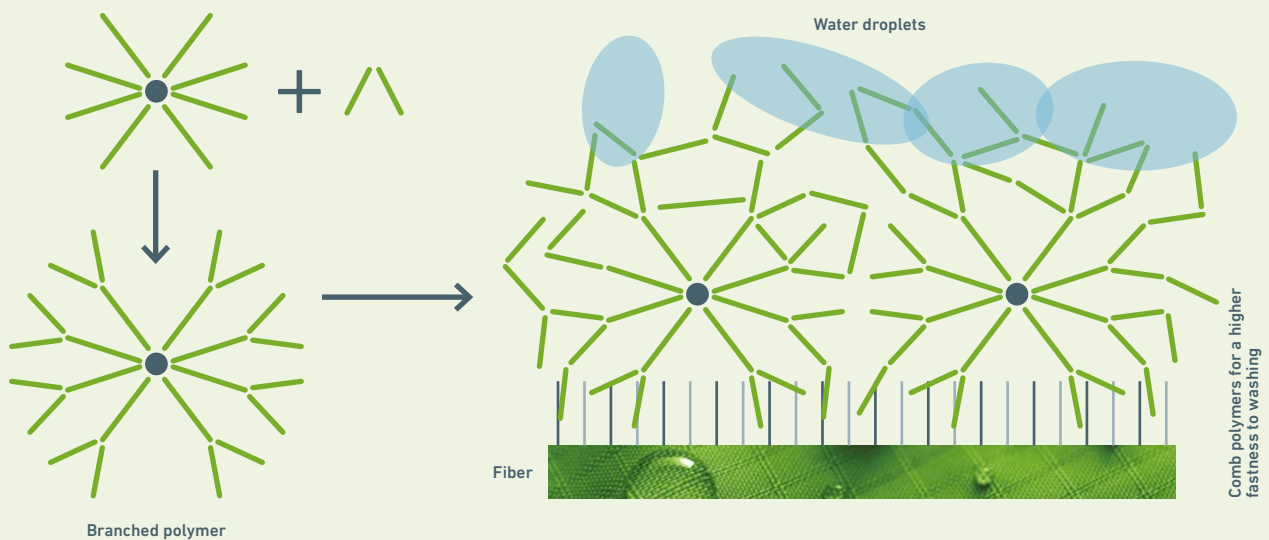
BENEFITS

- ▶ Free of perfluorinated compounds (PFCs)
- ▶ Imparts smoothness to the finished fabric
- ▶ High abrasion resistance and breathability
- ▶ Improves sewability
- ▶ APEO-free and free of formaldehyde
- ▶ Higher fastness to washing due to hyperbranched long polymers

SPRAY TEST ACC. TO AATCC22 ON SYNTHETICS



CONSTRUCTION OF ANTHYDRIN DNF



ANTHYDRIN DNF consists of hyperbranched long polymers, which create a coral structure through self-organization and crystallization of functional polymers. Especially the values for the well-known spray test show exceptional results compared to other fluorine-free products up to a grade of 100, which can be attributed to this special structure.