



TECHNICAL BULLETIN

Textile Processing Compound

Let You LEAD The Process

E-mail : contact@nestorindustries.com

ASSIST - NU

PFC-free durable water repellent

ASSIST - NU is the special Crosslinking agent for various finishing agents in OWR application. **ASSIST - NU** is a crosslinking agent to improve durability to react with various type of finishing agents during application of C6/C0 chemicals on various types of fabrics.

Feature	Benefits
○ Excellent durability in DWR	○ It gives a very good durability in various finishing application like DWR.
○ Universal application	○ It can be applied on Cotton, PES and its blends.
○ Compatibility	○ ASSIST - NU is compatible with cationic type of products.
○ Special formulation	○ It is much more concentrated than normal cross-linking agents available in the market.

Application

The optimum dosage depends upon type of fabric, construction, weight, required performance and procedure. It is recommended to use **ASSIST - NU** as below,

1. **ASSIST - NU** - 0.5– 2.0 % soln. by padding application
*wet pick-up 50-80%
2. Pad – Dry - Cure (150C X longer than 2min., 160C X longer than 1min.)
3. For durable water/oil repellency on polyester woven
Hydro Guard S series - 5 % soln.
ASSIST - NU - 1 % soln.

Properties

Chemical constitution	Urethane compound, non-ionic surfactant and Water
Physical form	White to beige liquid
pH (undiluted)	6 ± 0.5
Specific gravity at 20° C	Approx. 1.00 g/cm ³
Storage stability	ASSIST - NU is stable for 1 year, when properly stored in closed containers at 20°C.
Compatibility	Preliminary trials are advised to check for compatibility with other products
Ecology / Toxicology	The usual hygiene and safety rules for handling chemicals should be observed in storage and use. The product must not be swallowed.

The product appearance varies from batch to batch. The colour & viscosity may vary from batch to batch and its intensity is not an indication of product strength.

NONWARRANTY: The suggestions and data in this bulletin are based on information we believe to be reliable. They are offered in good faith but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions on an experimental basis before adopting them on a commercial scale.

Head Office Address: Plot No – 538 , GIDC, Pandesara, Surat – 394221
Contact No. - +91 8306083020 , +91 9377781836 || Website : www.nestorindustries.com