



TECHNICAL BULLETIN

Textile Processing Compound

Let You LEAD The Process

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Nestoseed - NR

PFC-free durable water repellent

Nestoseed - NR is a PFC-free water repellent which gives high durable water repellency to polyester, nylon, cotton and other kind of fabric.

Feature	Benefits
<ul style="list-style-type: none">○ Excellent performance	<ul style="list-style-type: none">○ It gives excellent water repellency like PFC type product
<ul style="list-style-type: none">○ High durability to washing	<ul style="list-style-type: none">○ It offers excellent wash durable performance. High performance retained after ironing/heat treatment
<ul style="list-style-type: none">○ Least impact on peel strength	<ul style="list-style-type: none">○ It has very minimal impact on peel strength as compared to PFC type product
<ul style="list-style-type: none">○ PFOA free	<ul style="list-style-type: none">○ It is an eco-friendly product for human & environment; no fluorinated gas generates

Application

The dosage of **Nestoseed - NR** mainly depends upon fabric type, construction, test requirement & machine conditions.

The general recipe guideline is as below

Nestoseed – NR : 50-80 gm/lit
ASSIST NU : 5-10 gm/lit (cross-linker to enhance durability)

Pad – Dry at 110-1300C – Cure at 150-1700C for 30-60 secs.

Properties

Chemical constitution	Plant based components, polymer
Ionic nature	Weakly cationic
Physical form	White to beige liquid
pH (undiluted)	Approx. 2.0
Specific gravity at 20° C	Approx. 1.00 g/cm ³
Storage stability	Nestoseed – NR 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.

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