

ORCO NAP ASSISTANT PD™

ORCO NAP ASSISTANT PD is a nonionic napping assistant, lubricant, and softener. It is recommended for use on cellulose, synthetics, and fiber blends

Physical Properties

Chemical Type	Polyglycol - fatty acid acid ester
Appearance	White to off-white fluid emulsion
Solubility	Dispersible in water
pH	7.0 to 9.0
Solids	18% to 20%

Advantages

Improves fiber lubricity and lowers dusting when applied as a topical finish lubricant to fabrics that will be napped or sanded.

As a softener, can be applied in bath or by pad applications and is compatible with other finishing auxiliaries.

Acts as an anti-crushing / anti-creasing agent in wet processing because of its lubricating properties making it effective for processing velvets and flocked fabrics.

Application

Jet and Beck Dyeing: as a dyebath lubricant, use 1.0 – 2.0 grams/liter Orco Nap Assistant PD to the pre- scour, dyeing, and rinse bath. This is for fabrics in rope form.

Beams: use 1.0 – 2.0% Orco Nap Assistant PD on weight of goods as a beam lubricant or napping assistant for both atmospheric and pressure dyeing.

Finishing: use 1.0 – 5.0% Orco Nap Assistant PD on the weight of the bath for pad applications. Use 2.0% Orco Nap Assistant PD on weight of goods in the final rinse of the dyeing process.

Storage and Handling

Store product in a cool environment. If viscosity is an important process factor, avoid long exposures in conditions at 40°C and above to prevent viscosity of the product from increasing above 250 cPs. Viscosity is not a metric regarding quality of the product's application function and high viscosity material can still be used at the recommended application parameters described above.

Disclaimer

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