

ORCO NAP ASSISTANT PD™

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

Physical Properties

Appearance	White to off-white fluid emulsion
Solubility	Miscible in cold water
Ionic Charge	Nonionic
Flash Point	➤ 200°F
pH	5.0-9.0
Chemical Type	Polyglycol ester

Advantages

ORCO NAP ASSISTANT PD™ improves fiber lubricity and lowers the dusting when it is applied as a topical finish lubricant for fabrics that are to be napped or sanded.

ORCO NAP ASSISTANT PD™, when used as a softener, can be applied in bath or by pad applications. In these applications, it is compatible with other finishing auxiliaries.

ORCO NAP ASSISTANT PD™, because of its lubricating properties, acts as an anti-crushing/anti-creasing agent in wet processing. This makes it effective for processing velvets and flocked fabrics.

Applications

The type of fiber/fabric, depth of shade, and process conditions, are what determines the amount of ORCO NAP ASSISTANT PD™ to be used. The following are only recommended guidelines.

DYE BATH LUBE – JET AND BECK : Use 1-2 g/L to the pre-scour, dyeing, and the rinse bath. This is for fabrics in rope form.

BEAMS: Use 1-2% owg as a beam lubricant or napping assistant for both atmospheric and pressure.

FINISHING: Use 1-5% owb for pad applications. Use 2% owg in the final rinse of the dyeing process.

WOOL/NYLON NAPPING ASSISTANT: May be sprayed or nipped at a level of 50-75 g/L prior to napping to assist in loft and prevent mechanical abrasion of wire surfaces. In addition, helps minimize dust and fly from process.