

PERFASOFT PJ is an aqueous micro-emulsion of amino silicone polymer developed as a single addition, resin-stable softening agent. Imparts exceptional softness to fabrics whilst minimising yellowing.

Perfasoft PJ is available in 25kg, 200kg drums and 1000kg IBC's.

## **APPLICATION**

Effective on a variety of fabrics, including wool, and cashmere knitwear, 100% cotton, polyester/cotton blends and 100% synthetics.

### **By Padding**

Normally a level of 5-10g/ltr is applied by padding. Drying will cure Perfsoft PJ, it is not necessary to high-temperature cure and no addition of catalyst is required. Perfsoft PJ can also be added to a typical crease-resist system along with the catalyst, lubricant and resin – a dilution level of 5-10g/ltr will be adequate.

### **By Exhaustion**

Perfasoft PJ should be applied in the final rinse bath at 400C for 15-20 minutes, pH 6-6.5. A dilution level of 0.5-1.0% is recommended. It may also be applied with non-ionic or cationic softening agent.

When processing cashmere or lambswool knitwear, Perfsoft PJ should be added to the last bath at a temperature of at least 350C – processing time will be dependent on machine type and finish required. For times of less than 2 minutes, a dwell of at least 1 minute should be built in to the process to allow the product to exhaust into the garments.

## **BENEFITS**

- Handle: Perfsoft PJ will give a soft, smooth handle.
- Drape: Considerably improves the drape of fabrics.
- Pre-catalysed: Catalyst and cross-linking agents not required.
- Stability: Stable in the presence of crease-resist resins as applied to cotton and cotton/polyester fabrics.
- Versatility: May be applied to a wide variety of fibres including wool, cashmere, cotton and synthetics.
- Shear stability: Perfsoft PJ is shear-stable and can be applied using the usual finishing equipment.
- Handling: Perfsoft PJ is liquid and easily diluted, however it is recommended that only sufficient quantity for one day's production is pre-diluted.

## **TYPICAL PROPERTIES**

Appearance	Clear, water-white liquid
Solubility	Totally water soluble
pH (1% aqueous solution)	4-6
Ionic activity	Non-ionic/cationic

## **HEALTH & SAFETY**

Please refer to the Safety Data Sheet, freely available, for product handling and disposal advice. Please note that the SDS includes handling, storage, health and disposal information which should be passed on to anyone else who comes in contact with our product. Additional advice can also be obtained from your local representative.

NOTE: Read and understand all precautions on container labels before using this product.