



MaxxBloc® SR-1100
Soil Release Polyester Resin

MaxxBloc SR-1100 is a polyester polymer that when dispersed in water is designed to impart hydrophilic properties to polyester and blends of polyester/cotton fabric. **MaxxBloc SR-1100** is a non-ionic polyester co-polymer that also imparts soil release characteristics to fabric containing polyester fiber. Dispersions of **MaxxBloc SR-1100** make treated fabrics feel exceptionally soft and supple due to antistatic properties and the slick hand imparted.

TYPICAL PROPERTIES

Appearance	White solid
% Moisture	100
Ionic Nature	Non-ionic
Specific Density	1.01

USES

Textile Finishing & Dying

PERFORMANCE FEATURES

Enhanced Moisture Transfer (Comfort Finish) – Soft Handle – Enhanced Dye Leveling – Soil Release - Enhanced Anti-static Properties – Dispersibility In Water – Minimizes Crease Marks

APPLICATION GUIDELINES

MaxxBloc SR-1100 has been shown to exhaust completely in jet dyeing machines under normal dye procedures. **MaxxBloc SR-1100** can be padded on high content polyester fabric followed by a dry/cure cycle where the fabric reaches a temperature of 105-130°C. In both applications, the pH of the bath is adjusted to 4-5 with citric acid. Due to its non-ionic nature, **MaxxBloc SR-1100** can also be incorporated into the resin application bath for polyester/cellulosic fabrics.

Dispersion Procedure (15% Soil Release)

- 1. Charge warm (40°C) water to tank – 30%/430 kg**
- 2. Melt MaxxBloc SR-1100 @ 60-85°C and mix into the water for about 30 minutes – 15%/215 kg - Temperature should be about 45-50°C**
- 3. Add cool water to tank and mix – 55%/788 kg Temperature should be about 40°C**
- 4. Add biocide – 0.15-0.3% Kathon (Dow Chemical) type**

STORE IN A COOL DRY PLACE WITH THE LID PROPERLY CLOSED. PRODUCT CAN BE STORED FOR AT LEAST 6 MONTHS WHEN DONE PROPERLY.

Let MCTRON Technologies raise your expectations.

McTron Technologies, LLC Technical Support Team is available to provide assistance with the formulation of all our products to optimally suit your specific needs.

McTron Technologies LLC Guarantee

If any product is defective in workmanship or materials, McTron Technologies, LLC will replace the product, or refund the full purchase price. This warranty is in place of all other warrants, expressed or implied, and all implied warrants of a product for an intended use shall be solely up to the user. McTron Technologies, LLC assumes no liability for consequential damages. Its liability shall in no event exceed the purchase price of materials supplied by it.