

ECCO REZ™ M-907

ECCO REZ™ M-907 is a unique modified acrylic copolymer emulsion, designed for use in textile finishing. This resin will provide wrinkle recovery, shrinkage control and stability to cellulosic fabrics such as cotton, viscose and blends of these fibers. ECCO REZ™ M-907 will give permanent effect when used in embossing and schreinerling of cotton fabrics and results in minimum odor problems during processing or in fabrics.

This resin imparts durable stiffness and stability to synthetic hydrophobic materials such as nylon, polyester and acrylic fibers. In addition to stiffness, this product will give full-bodied, desirable hand.

ECCO REZ™ M-907 is compatible with the variety of softeners currently used in textile finishing. ECCO REZ™ M-907 is self cross-linking and does not normally require a catalyst if cure at 300°F.

Physical Properties

Appearance	Milky white emulsion
pH (2% aqueous)	4.5-5.5
% Solids	~50%
Density	8.8-9.2 lbs/gallon
Tg	+50°C
Charge	Anionic

Application

ECCO REZ™ M-907 is applied by conventional methods, such as padding from a water solution followed by drying and curing.

The use of ECCO CATALYST™ M-907 MOD is suggested when curing temperatures are below 300°F. With respect to concentration, we recommend using 1.5% catalyst on the resin bath or 15% catalyst on resin solids. Curing conditions of 300-325°F for 1-3 minutes are suggested for optimum results.

Wrinkle recovery: 2.5% to 13% o.w.b. [*wool < cotton < viscose*]

Embossing & Schreinerling: 13% o.w.b.

Pigment pad application: 10% to 25% o.w.b. [*depending on pigment level, hand, and wash fastness criteria*]

Storage and Handling

Store in areas above 40°F to prevent freezing. Keep containers tightly sealed when not in use to prevent the product from forming skins of dried resin. Consult the SDS for further information.

Disclaimer

Information contained in this technical data sheet is up-to-date and correct to the best of Organic Dyes & Pigments' knowledge at the date of issue and are subject to change. As Organic Dyes & Pigments LLC cannot control or anticipate the conditions under which this product may be used, each user should review the information in specific context of the planned use. Organic Dyes & Pigments will not be responsible for damages of any nature resulting from the use or reliance upon the information contained in this data sheet. No express or implied warranties are given.

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