

ECCO REZ™ M-907

CLASSIFICATION

Modified acrylic resin emulsion.

SPECIFICATIONS

Appearance	- Smooth, white emulsion
pH (2%)	- 4.5 - 5.5
% Solids	- 50%
Solubility in water	- Forms stable emulsion
Density	- 8.8-9.2 lbs/gallon
Particle Charge	- Non-ionic
Tg (°C)	- +50

GENERAL COMMENTS

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 schreiner of cotton fabrics and results in minimum odor problems during processing or in fabrics.

ECCO REZ™ M-907 does not contain formaldehyde and is an excellent replacement for melamine/formaldehyde resins.

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 cross-linking and does not normally require a catalyst if cure at 300°F.

APPLICATIONS

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.

Applications will vary according to the resulting finish desired on the fabric. Examples of typical formulations for 100 gallons total are as follows:

COTTON - wrinkle recovery

52 lbs **ECCO REZ™ M-907**

15 lbs **ECCOSOFT™ C-201**

4 lbs **CATALYST™ M-907**

NYLON NETTINGS - structural stiffness & resilience

50 lbs **ECCO REZ™ M-907**

3 lbs **CATALYST™ M-907**

COTTON - embossing & schreiner

106 lbs. **ECCO REZ™ M-907**

25 lbs. **ECCOSOFT™ C-201**

8 lbs. **CATALYST™ M-907**

BINDER FOR SLASHER DYEING

200 lbs **ECCO REZ™ M-907**

1 lbs **ECCOWET™ W-88**

1 lbs **ECCO™ DEFOAMER 33-NS**

* **ECCO™ Pigment Dispersion**

ALL VISCOSE FABRIC - wrinkle recovery

105 lbs **ECCO REZ™ M-907**

8 lbs **ECCOSOFT™ SPI**

8 lbs **CATALYST™ M-907**

WORSTED WOOL - shrinkage control and wrinkle recovery(wash & wear wool)

20 lbs **ECCO REZ™ M-907**

21 lbs **ECCOSOFT™ PSS**

*Amount varies with desired color and dispersion content.