



Maxxacryl AC-3112 Acrylic Emulsion Polymer

Maxxacryl AC-3112 is a soft self-crosslinking acrylic based emulsion. It is designed for use as a soft hand finish on a variety of substrates including cellulosic, synthetic and/or blended nonwovens. **Maxxacryl AC-3112** can also be used to improve abrasion resistance, or improve linting properties of fabric. **Maxxacryl AC-3112** may be compounded and foamed for back coating applications.

TYPICAL PROPERTIES

Type	Acrylic Emulsion Polymer
Appearance	White Aqueous Liquid
Total Solids	48-50%
pH	3.0-5.0
Viscosity	<800 cps
Tg	-12°C

Performance Features

Soft Finish – High solids – Foamable, Non-Yellowing

Suggested Use

Dimensional Stability – Back Coatings – Anti-Linting

Application

Maxxacryl AC-3112 may be applied via pad mangle, foam coater or by spray application. This product may be compounded with nonionic pigments, melamine resins to improve durability (if pH is raised to alkaline side with aqueous ammonia), and various nonionic softeners as desired. Silicone emulsion defoamers may be added if foaming adversely affects application. Compounding of this product may however, affect non-yellowing properties.

Typical Curing Conditions

Maxxacryl AC-3112 is a self cross-linking emulsion as supplied. The cross-linking reaction will occur at substrate temperatures of 150°C or higher. Lower substrate temperatures may require the addition of an acid catalyst, such as ammonium sulfate at a level of 0.25-0.50% sos.

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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.