

**MCL3**

**MCL3** is a self cross-linking styrene acrylic copolymer emulsion designed for use as a binder in non-woven textile applications: disposable tissues, non-woven fabrics.

**MCL3** is **APF**.

**MCL3 Typical Properties :**

Solids Content	45±1%
Viscosity at 25°C, LVT 2/30	100-600 cps
PH	5.0-7.0
Surfactant Type	Anionic
Particle size	Approx. 0.15-0.30 microns
Specific Gravity at 25°C	1.05
Freeze/Thaw Stability	Unstable

**Film Properties :**

**MCL3** forms a colorless, hard film. It has a high resistance to many cleaning solvents. **MCL3** will self cross-link under heat and fixation process. Shorter reaction times can be achieved when catalyzed with 0.2% Ammonium Chloride or 0.5% Diammonium Hydrogen Phosphate.

**Application :**

**MCL3** is compatible with the pigments, the additives and the reagents used in various printing techniques including discharge printing. Printed cloth tested under OKO-TEX standards has less than 10-ppm formaldehyde.

**Packaging :**

200-kilo lacquer lined metal drums with polyethylene inner liner, 1-ton polyethylene container.

**Storage :**

**MCL3** can be stored in original containers it is supplied in. Store in shade and protect from freezing. Further Information about safe handling of this product can be found in the publication, "B.G. Polymers Safety Data Sheet".

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