

**AC- 18/55 APF**

**AC-18/55 APF** is a highly hydrophilic, **Alkyl Phenol Free**, pure acrylic, self-cross linking copolymer emulsion. The polymer has excellent absorption ability to natural and synthetic fibers, designed for use as a binder in non-woven textile applications.

**AC- 18/55 APF Typical Properties :**

Solids Content	55±1%
Viscosity at 25°C, LVT 2/30	300-800 cps
PH	5.0-7.0
Surfactant Type	Anionic/Nonionic
Specific Gravity at 25°C	1.08
Freeze/Thaw Stability	Unstable
Tg	+2°C
Minimum Film Formation Temperature	<0°C

**Film Properties :**

**AC 18/55 APF** forms a colorless, semi-soft and flexible film. The dry film performs excellent hydrophilic nature therefore enable fast absorption of aqueous media. It has high tensile strength and wet abrasion resistance.

**Application :**

**AC 18/55 APF** can be used for non-woven and textile application when soft and flexible hand is required. The high solids content with low-medium viscosity and excellent foam behavior makes this polymer easy to handle and apply. **AC 18/55 APF** can be used in a wide range of non-woven applications. **AC 18/55 APF** specially developed for wet-wipes products.

**Packaging :**

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

**Storage :**

**AC-18/55 APF** 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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