Technical Data Sheet NO. 01/10

AC- 156/ 50

AC-156/50 is acrylic copolymer emulsion designed for use as a binder in the textile printing industry. **AC-156/50** is 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.

AC- 156/50 Typical Properties :

Solids Content	50±1%
Viscosity at 25ºC, LVT 2/30	300-700 cps
PH	5.0-7.0
Surfactant Type	Anionic
Particle size	Approx. 0.3-0.45 microns
Specific Gravity at 25ºC	1.06
Freeze/Thaw Stability	Unstable
Tg	-10°C
Minimum Film Formation Temperature	<0°C

Film Properties :

AC-156/50 forms a colorless, soft and flexible film. It has high resistance to many cleaning solvents.

Application :

AC-156/50 specially designed for soft-hand adhesion with fibers. For textile printing formulation, **AC-156/50** is compatible with the pigments used in pigment printing and with the additives and 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 :

AC-156/50 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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