Texicryl® 13-216

Acrylic Dispersions

Technical Data Sheet

Product overview

TEXICRYL® 13-216 is an APEO free self-cross linking acrylic copolymer emulsion binder with superior adhesion and binding properties ,designed for use in textile printing. Suitable for use with all printing machines e.g. roller machines, flat bed screens, rotary screens ect.

Characteristics (Not to be taken as a specification)	
Solids content	45%
Viscosity at 25°C (Brookfield RVT, Spindle 2, 100 rpm)	100 mPa s
pH	5
Particle Size nm	240
Minimum film formation temperature*	2°C
Glass transition temperature	-14°C

*Determined by metal bar with temperature gradient

Application

TEXICRYL® 13-216 can be used to formulate textile prints with the following properties.

- Very soft handle
- Excelellent rub resistance and fastness
- Excellent runnability
- Low thickener demand
- Excellent electrolyte bleed/ flush resistance
- Excellent compatibility with all non-ionic and anionic textile auxiliaries
- Possible to print without screen blockages even with 73 micron screens

TEXICRYL® 13-216 is suitable for printing on cotton.polyester and blended fabrics using pigments. It can be added either directly or to the print paste or it can be used to prepare a pre-thickened vehicle(ie: water , binder and thickener)

TEXICRYL® 13-216 is an excellent binder for back coatings and foam coatings. This product is also recommended as an adhesive for non -woven fabrics and as an adhesive for electrostatically applied flock.

TEXICRYL® 13-216 is compatible with harder acrylic or styrene acrylic polymers designed for this market, to give films of immediate hardness and can be subsequently thickened with acrylic emulsion thickeners.

Packaging and storage

TEXICRYL® 13-216 maybe supplied in drums or IBC's (please check with your local representative).

Bulk deliveries are by road tanker.

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TEXICRYL® 13-216 should be stored in the original, unopened and undamaged containers in a dry place at temperatures between 5°C and 30°C. Exposure to frost and extended periods of direct sunlight should be avoided.

Health and safety

Please see separate material safety data sheet

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