

VALBOND™ 8141 is a soft self-crosslinking acrylic binder for textile coatings.

SOLVENT COMPOSITION

Water

TYPICAL PROPERTIES

Appearance: White opaque liquid

STM 017A

Non-volatile content: 51 %

DIN EN ISO 3251

Dynamic Viscosity (Brookfield) DIN EN ISO 2555: 100 mPa.s

DIN EN ISO 2555, ASTM D 2196
(1; 30 1/min; 25 °C)

pH (20 - 25 °C): 6.2

STM 007A

Glass transition point: 6 °C

STM 004F

Density (at 25°C): 1.06 kg/dm³

DIN 53217

Particle size: 200 nm

STM 016A

Residual Monomer VLN 009: < 0.05 %

VLN 009, DIN 51405, DIN 55682, DIN 55683, VLN 198, VLN 185

TECHNICAL FEATURES

VALBOND™ 8141 is a pure acrylic crosslinking binder that yields a medium handle and is highly recommended for use in both direct and foam applied textile coatings.

VALBOND™ 8141 is also suitable for use in pigment printing and handle modification & stabilisation of non-woven, vertical blinds and interlinings.

APPLICATION

VALBOND™ 8141 is compatible with a wide range of binders such as VISCOPOI® 43-450 and VALBOND™ 8020 and can be blended to tailor the required fabric hand-feel, while maintaining excellent strength characteristics and durability.

VALBOND™ 8141 in combination with VISCOPOL® 43-450 also exhibits good resistance to yellowing at high temperatures and can be used on most conventional drying and curing lines.

KEY BENEFITS

- Produces a coating with a medium hand
- Excellent water wash and dry-clean resistance
- Excellent tensile strength
- Wide compatibility with a range of fabrics
- Recommended for use in foam knife-over-air, direct coating and dipping applications
- Excellent single-shot binder for foam black-out blinds.
- Good colour stability and resistance to yellowing
- Excellent runnability

STORAGE

Valbond 8141 should be stored under cover, out of direct sunlight and avoiding extreme temperature changes. Under normal storage conditions (5 – 35°C, away from extremes) sealed, unopened containers of this material would have a shelf life of 12 months from the date of manufacture. If stored for longer than 12 months, product must be rechecked for suitability in the intended application.

SAFETY

Refer to Safety Data Sheet before handling or use