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TECHNICAL LEAFLET

OLICOTE ALH

Application details

OLICOTE ALH is a self-crosslinking styrene-acrylic binder, free from APE surfactants. Drying the product over its minimum film forming temperature, a transparent, very rigid and tack-free film is obtained.
OLICOTE ALH is recommended for use in the following applications :
- Bonding of nonwovens : OLICOTE ALH demonstrates an excellent adhesion on polyester fibres. This product is ideally suited for geotextile applications, where it provides a superior thermal dimensional stability (till 220°C). – Thermoforming

Performance

Benefits

· Provides tear-proof nonwovens
· Outstanding resistance to solvents
· Excellent washing & abrasion resistance
· Very good thermal dimensional stability

Polymer

Type

Styrene-acrylic Copolymer

Specifications

Tg (ºC) DSC	Solid content (%)	Stabilizing system	pH ISO 976	Viscosity (mPa.s)	Selfcross linking	Chemical nature	Automotive	Wadd	Dry resistance
+ 40	40 +/-1	A/NI	3,5-4,5	< 100	yes	S/A	yes	yes	**+++**

Other Characteristics

Density / Specific Gravity at 23°C, g/ml (ISO 2811) 1.05
Average Particle size, nm (ISO 13321) 180

Curing condition

OLICOTE ALH is self-crosslinking, at a speed depending on temperature (from 120°C up to 160°C) and nature of the catalyst(s) used.
The best curing conditions are described in the table below :
CATALYST AMOUNT TIME TEMPERATURE
None - 3 min 160°C
2% Ammonium chloride (25% solution) 1 - 3 min 145°C
2% Oxalic acid (25% solution) 3 - 4 min 130°C

All the information's given are believed to be correct. In any case we cannot accept any responsibility since we cannot control the conditions in which our products are used.