

Acronal[®] DS 3502

Adhesive Raw Materials



We create chemistry

Chemical nature

Aqueous dispersion of an acrylic ester copolymer

Technical data

Solids content	approx. 55 %
pH	approx. 6–9
Viscosity ISO 3219	approx. 2–6 mPa·s
Viscosity ISO 2555	approx. 8–30 mPa·s
Glass transition temperature	approx. 4 °C
Tensile strength of film	approx. 0.15 N/mm ²
Elongation at break	approx. 1500 %

The exact specifications can be found in the specification data sheet.

Application area

Acronal DS 3502 adheres well to many different materials. It can be employed as an adhesive, or it can be added to other polymer dispersions in order to boost their adhesion. It is employed in the manufacture of adhesives for packaging made from a variety of different materials.

Processing

Acronal DS 3502 can be added to polyurethane dispersions (Luphen[®] D types) at levels of up to 30 % in order to reduce their heat activation temperature without significantly affecting their heat resistance.

Acronal DS 3502 can also be used as a binder employed in acoustic compounds, which are used in machinery and automobiles to dampen vibrations. Acoustic compounds formulated with Acronal DS 3502 display maximum noise suppression in the 10–20 °C range.

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