

Technical Information

Polymer ST 61 LV**For low viscous wood floor adhesives with high strength and elasticity****Applications**

Polymer ST 61 LV is a plasticizer-free product which addresses the same formulation properties as Polymer ST 61. Its viscosity is approx. 70 % less, thus it allows quicker dosing, lower formulation viscosities and higher possible filler loading levels.

Technical properties (no specification data)

Appearance	colourless, transparent
Viscosity	approx. 12,000 mPas
Plasticizer	none
Tensile strength in formulation*	1 – 5 N/mm ²
Elongation in formulation*	80 – 230 %
Shore A in formulation*	30 – 70

*formulation available upon request

**Benefits**

Polymer ST 61 LV is a silane-terminated polymer for formulations which meet the demands of ecolabels such as “Blauer Engel” or “Ecodecode EC1”.

The mechanical performance of Polymer ST 61 LV allows high dosages of fillers without compromising the tensile strength of the formulation.

Processing

When selecting raw materials, especially when it comes to fillers (e.g. CaCO₃), it is recommended to use products with the lowest water content possible. Fillers can be pre-dried before use.

Containers should be stored at a similar temperature to their surroundings as to reduce the chance for water condensation. This is of particular importance when materials are stored outside in the winter months.

It is necessary to keep all equipment used for processing clean and dry. Surfaces can be cleaned with volatile solvents, such as acetone, if necessary.

The product is activated for reaction once the catalyst is added or when exposed to moisture. After this time it must be kept in closed, dry containers.

Packaging

950 kg IBC

Samples: 1 kg aluminum bottle

Shelf life

12 months when stored in closed containers at temperatures up to 104 °F (40 °C).

Registration status

The ingredients of Polymer ST 61 lv are listed in the following chemical inventories:

EINECS/ELINCS

Further information is available on request.

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Evonik Nutrition & Care GmbH
Charlottenburger Straße 9
21502 Geesthacht, Germany
Phone +49 4152 8092-0
Fax. +49 4152 79156
nano-and-silicone-technology@evonik.com
www.evonik.com/nano-and-silicone-technology

