

Product information

GELBOND[®] 052



Major use: Adhesive for industrial use

Description: **GELBOND[®] 052** is a protein adhesive with low viscosity. It is especially characterised by a very long open time and has good fluid and dilution properties. In addition, the adhesive power is also maintained in contact with aromatic vapours and oils as well as organic solvents. **GELBOND[®] 052** is frost insensitive during transport and storage as well as during the production of cold treatment packing.

Characteristics:	Refractometer value:	65.5 %
	Viscosity:	420 mPas ± 50 mPas ¹⁾
	Gelatinizing power:	instantly, very strong ²⁾
	Gelation point:	30.6 °C ³⁾
	Open time:	very long
	Solid content:	63.0 %
	Appearance:	light brown

GELBOND[®] 052 is a natural product and colour deviation is normal. The variation in colour has no effect on the quality of the adhesive.

- 1) Viscosity measure with a Haake rotating viscosimeter at 60°C. As a rule the reading does not coincide with the reading from the viscosimeter on the machine.
- 2) This value was determined at 22°C and 40% relative humidity. It is subject to change through changing climatic conditions and changing concentrations of the solution.
- 3) The gelation or solidification point is defined as the temperature at which the protein adhesive gels (solidifies) under pre-defined conditions.

Preparation directions: **GELBOND® 052** is molten in the heatable circulation tank at 45 - 65 °C. Please avoid temperatures above 70 °C.

When ready for use the solution should be consumed within 24 hours.

Dilution:

Addition of water (%)	0	3	6	9	12	15	18
Refractometer value (%)	65.5	63.5	61.6	59.6	57.6	55.7	53.7

Storage: Dry and cool.

Storage life: Storage life of at least 6 months if storage conditions are observed.

Form of delivery: Pileable 20 kg cartons containing 8 polythene wrapped portions of 2.5 kg each.

Disposal: As a rule **GELBOND® 052** is biodegradable or degradable in biological sewage plants. In case of doubt, contact your wastewater management authorities.

Cleaning: Warm water. We recommend our separating and cleaning agent **PARTINOL**.

For further information please refer to our safety data sheet.

3) Viscosity measure with a Haake rotating viscosimeter at 60°C. As a rule the reading does not coincide with the reading from the viscosimeter on the machine.

The information in the present data sheet is based on current technical knowledge and experience and are without obligation. The aforesaid data and information do not release the worker from his duty of care, in particular his trial and test obligations.

As per 25. October 2010