

TEROSON PU U137 S/U102

Known as BONDMASTER U137 S/U102
 May 2019

PRODUCT DESCRIPTION

Technology	Polyurethane
Product Type	2-Component-system
Application	Potting

TEROSON PU U137 S/U102 is a two part polyurethane adhesive.

Application Areas:

Potting polyurethane, used to insulate electrical components against chocks, vibrations, moisture, oil and gasoline (potting for ABS, electronic ignition).
 For any other substrate please ask our technical advice.

TECHNICAL DATA

(Typical Test Results)

COMPONENT A

TEROSON PU U137 S	
Appearance	fluid paste
Viscosity Brookfield RVT at 23°C spindle 4, 10 rpm	approx. 7,000 mPa s
Dry Content	100 %
Density	approx. 1.35 g/cm ³

COMPONENT B

TEROSON PU U102	
Appearance	liquid
Viscosity Brookfield RVT at 23°C spindle 1, 10 rpm	approx. 100 mPa s
Dry Content	100 %
Density	approx. 1.05 g/cm ³

MIXTURE (Component A + B)

Mix ratio	
by weight	100:13.3
by volume	100:17.1
Pot life (@ 55°C)	approx. 3 min
Shore A	approx. 30
Colour (after full curing)	grey

PRELIMINARY STATEMENT

Prior to use it is necessary to read the **Safety Data Sheet** for information about precautionary measures and safety recommendations. Also, for chemical products exempt from compulsory labeling, the relevant precautions should always be observed.

DIRECTIONS OF USE

Application:

TEROSON PU U137 S/U102 is applied by mean of a dosing and mixing machine to obtain the best characteristics.

Manual mixing will incorporate air, which is prejudicial for all final performances.

The mixed product is temperature sensitive.

For any other application conditions, please ask for our technical advice.

Precautions:

These products are very sensitive to moisture, they should be carefully stocked in dry conditions. Do not mix with other products.

Cleaning:

Cleaning of the mixing head can be done using ketones.

Cleaning of the dosing pumps must be done with the same solvent, then rinse with a plasticizer like a phthalate.

STORAGE

TEROSON PU U137 S

Frost sensitive	yes
Recommended storage temperature	5 to 35 °C
Shelf life	8 months

The product must be re-homogenized with a mixer before use.

TEROSON PU U102

Frost sensitive	yes
Recommended storage temperature	5 to 35°C
Shelf life	8 months

Avoid moisture.



Ensure a good rotation of stocks by using oldest material first.

Disclaimer

Note:

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Henkel is, therefore, not liable for the suitability of our product for the production processes and conditions in respect of which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.

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Henkel AG & Co. KGaA

D-40191 Düsseldorf, Germany
Phone: +49-211-797-0
www.henkel.com

Henkel Central Eastern Europe GmbH

A-1030 Wien, Austria
Phone: +43-1711-040
www.henkel.com

Henkel & Cie AG

CH-4133 Pratteln, Switzerland
Phone: +41-61-825-7000
www.henkel.com

