

LOCTITE UK 6100

July 2014

PRODUCT DESCRIPTION

LOCTITE UK 6100 provides the following product characteristics:

Technology	Polyols
Product Type	Accelerator solution for UK resins
Condition	Solvent-free
Application	Assembly

LOCTITE UK 6100 is a solvent-free accelerator solution, based on organic tin compounds and dissolved polyols. The product accelerates the curing of two-component polyurethane adhesives, while shortening the potlife at the same time. Achievable times depend on the amount of accelerator added. Examples can be seen in the graphs.

APPLICATION AREAS

LOCTITE UK 6100 is used as an accelerator for two-component polyurethane adhesives of the Loctite UK range.

TECHNICAL DATA

Loctite UK 6100:

Color:	light yellow
Odour:	slightly oily
Consistency:	liquid
Density, g/cm ³	0.95 to 1.05
Viscosity, Brookfield - RVT, 20 °C, mPa.s	900 to 1,100

DIRECTIONS FOR USE

Preliminary Statement:

Prior to use it is necessary to read the **Material 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. Please also refer to the local safety instructions and contact Henkel for analytical support.

Application:

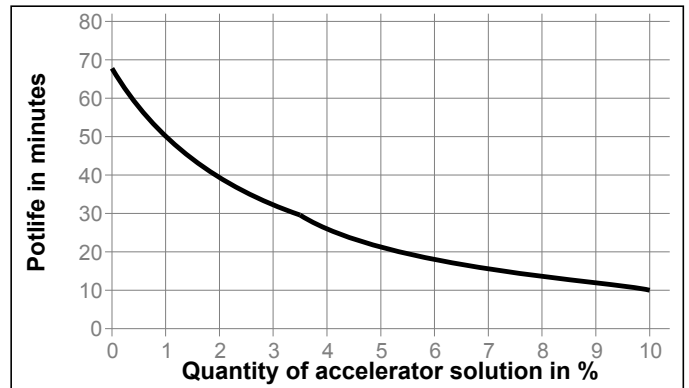
The required amount of accelerator solution is weighed and homogeneously stirred into the resin (component A). Do not stir too excessively to avoid air entrapments.

Application in a two-step process:

It is not easy to mix small quantities of accelerator solution homogeneously. For this reason the production of a master batch has proved to be advantageous. The required amount of LOCTITE UK 6100 is mixed in a separate container with approx. 10% of the resin (component A). In the second step this master batch is mixed without problems and homogeneously with the residual amount of resin.

Graph 1

Potlife of Loctite UK 8101 (200g batch at 25°C) as function of the amount of Loctite UK 6100 (accelerator) added



Graph 2

Potlife of Loctite UK 8103 (200g batch at 25°C) as function of the amount of Loctite UK 6100 (accelerator) added

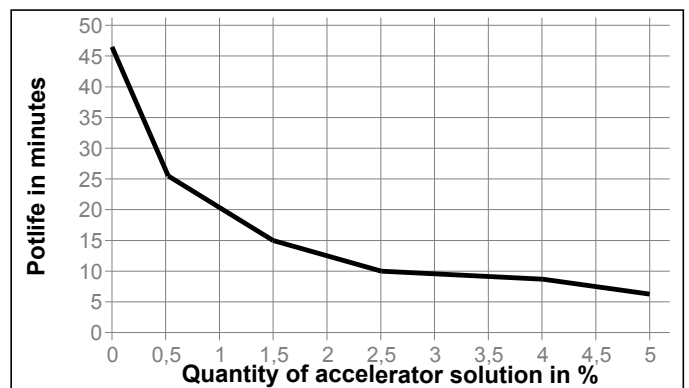
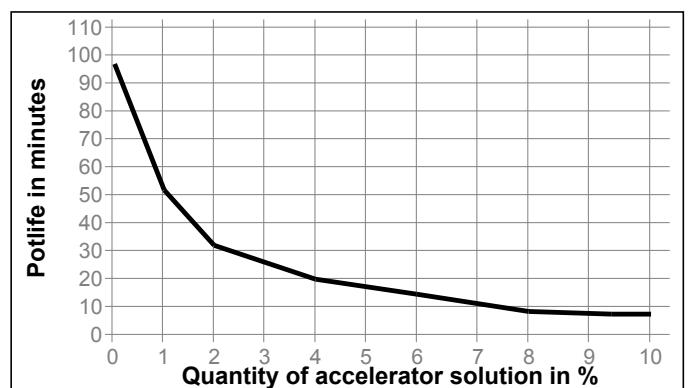


Diagramm 3

Potlife of Loctite UK 8202 (200g batch at 25°C) as function of the amount of Loctite UK 6100 (accelerator) added



Classification:

Please refer to the corresponding **Material Safety Data**

Sheets for details on:

Hazardous Information
Transport Regulations
Safety Regulations

Storage:

Recommended Storage Temperature, °C 15 to 30
Shelf-life (in unopened original packaging) 12 months

ADDITIONAL INFORMATION**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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