



LOCTITE® EA 3455

Known as LOCTITE® 3455
October 2015

PRODUCT DESCRIPTION

Loctite[®] EA 3455 is an epoxy resin based two component system with a high concentration of Aluminium fillers. It is ideal for repair and bonding of Aluminium and light alloy parts. It cures at room temperature and can be sandblasted, machined, or tapped.

CHEMICAL/PHYSICAL PROPERTIES

Pot life at 20°C, minutes 40 Parts may be handled after 2 to 4 hours Best results after 48/72 hours at room temperature Specific gravity 1.45 Mixing ratio (by volume) 1:1 Colour of the mixed product Grey Nature of the product Tigid Shore D hardness at room temperature 85 Shear strength @ RT, MPa 18 to 22

PROCESSING CONDITIONS Preliminary treatment to all surfaces

The gluing surfaces must be completely greased free, oil free and silicone free. Areas should be cleaned with solvents. For best gluing results, we recommend a preliminary treatment to all surfaces before gluing.

Warning: Do not apply below 5 °C

Parts and tools can be cleaned with methylene chloride, oil solvents, aromatic solvents, esters, acetone or ketones.

GENERAL INFORMATION

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidising materials.

For safe handling information on this product, consult the Material Safety Data Sheet, (MSDS).

Storage

Product shall be ideally stored in a cool, dry location in unopened containers at a temperature between 8°C to 21°C (46°F to 70°F) unless otherwise labelled. Optimal storage is at the lower half of this temperature range. To prevent contamination of unused product, do not return any material to its original container. For further specific shelf life information contact your local Technical Service Centre

Data Ranges

The data contained herein may be reported as a typical value and/or range. Values are based on actual test data and are verified on a periodic basis.

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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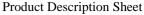
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