

LSR_test 2 part, addition curing liquid silicone rubber for injection moulding

Description

This is a two component silicone elastomer which crosslinks through polyaddition reaction.
Particularly well suited for LSR applications and when processing with injection moulding equipment.
Cure Time, injection molded at 150 °C 3 x 12 x 125 mm < 60 seconds

Property Test Method Value

Key Features

Application

test for LSR

Use and Cure Information

Mix components A and B in accordance with the mix ratio shown opposite according to weight. The material is usually processed with liquid injection moulding machines.

Crosslinking and the speed of cure can be controlled by reducing the temperature to slow down the reaction or increasing the temperature to speed it up.

A detailed rheometer report can be made available upon request.

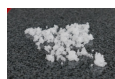
Inhibition of the cure

Certain substances may impair or even completely prevent the curing behaviour of addition crosslinking silicone. Typical indications are sticky surfaces between silicone and contact surfaces.

The following substances are particularly critical:

- substances containing nitrogen (amines, polyurethanes, epoxy resins)
- substances containing sulphur (polysulphides, polysulphones, natural and synthetic rubbers (EPDM))
- organometal compounds (organotin compounds, vulcanisates and hardeners of condensation crosslinking silicones)

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Health & Safety

Please observe our EC safety data sheets and the safety remarks on our container labels when handling our products. The dangerous goods regulations and the accident prevention regulations of the professional associations must be particularly observed. Keep the EC safety data sheet of the applied product at hand since it provides you with useful instructions for the safe use and disposal of the product as well as for actions to be taken in case of accidents

Safety Data Sheets available on request.

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