

Version: 11/2011

Use

Letoxit LH 229 is two-component thixotropic paste, curing at room temperature. It is applicable as material for making models.

Special properties

Low density thixotropic paste. Good processability.

Type

Two-component epoxy paste.

Mixture ratio

	Letoxit® PR 229 component A + Letoxit® PR 229 component B
Parts by weight	100 : 50
Parts by volume	100 : 50

Preparation

Adhesive is prepared for application with mixing component A and component B in recommended mass ratio 100:50. This ratio has to be followed with accuracy 1% of component B to component A. It is necessary to mixing well especially at the bottom and the vessel walls or better use suitable mixing appliance. It is recommended to use spatula or similar tool to apply on and spread.

Curing

LH 229 is cures at room temperature. The system starts hardening after approximately 1 hour, sufficient handling strength has after 6 hours. After 24 hours is possible to process the material.

Properties**A. Letoxit LH-229 (component A)**

Properties of uncured resin

Properties	Norm (method)	
Color	visual	dark red to brownish thixotropic paste
Specific mass	ISO 1675 (ČSN 656199)	0,68-0,71 g/cm ³
Epoxy equivalent	PN-5M-20	0,44-0,46 mol/100 g

B. Letoxit LH-229 (component B)

Properties of hardener

Properties	Norm (method)	
Color	visual	dark red to brownish thixotropic paste
Specific mass	ISO 1675 (ČSN 656199)	0,66-0,69 g/cm ³
Amine number	PN-5M-06	min 450mg KOH/ g

TECHNICAL DATA SHEET

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Properties of cured bonded joint (at 20°C)

Specific mass	ISO 1675 (ČSN 656199)	0,65-0,68 g/cm ³
T _g (24 hours at room temperature)	DSC	65°C
T _g (max)	DSC	72°C

Other data

Storage temperature: min. + 20°C, max. + 30°C

Storage time period: 6 months in closed containers

Safety at work

See material safety data sheet.

Producer and Supplier

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