

KLEIBERIT 572.1

2C-PUR-Moulding Compound

Fields of application

- Bonding and integral casting of special filters

Advantages

- Very good flowing properties
- Temperature resistance up to about 80°C
- Easy processing by means of commonly used mixing and dosing devices

Properties of the adhesive

Two component system

Base:	Polyurethane
Component A:	KLEIBERIT 572.1
Component B:	KLEIBERIT 870.0
Mixing ratio:	
Comp. A : Comp. B	4.2 : 1 parts by weight
Comp. A : Comp. B	3.7 : 1 parts by volume
Specific weight (20°):	
Comp. A	1.39 ± 0.02 g/cm ³
Comp. B	1.23 ± 0.02 g/cm ³
Colour of the mixture:	ivory
Viscosity at 20°C	
-Brookfield, sp. 3/ 20 rpm:	
Comp. A	3,800 ± 800 mPa s
Brookfield, sp. 1/ 20 rpm:	
Comp. B	150 ± 50 mPa s
Consistency:	good flowing properties
Pot life of	
100 g mixture at 20°C:	3-4 minutes
Hardness (Shore A):	approx. 85 (after heat treatment)
Identification:	
Component B	is subject to identification according to EU regulations, contains 4.4 diphenyl methane diisocyanate (see our safety data sheet)

Application techniques

It is recommended to process this PUR-system in two component mixing and dosing devices for continuous serial production. Detailed information on machine manufacturers can be given on demand.

The parts to be bonded must be dry and free from dust and grease.

Remove any residual release agent on the plastic parts to be bonded.

Please test for yourself if the adhesion properties and temperature resistance meet with your requirements.

Homogenise Comp. A before processing.

The most favourable processing temp. is 20-25°C.

Cleaning

Tools can be cleaned and rinsed with KLEIBERIT 820.0. For mixing and dosing devices, please observe the instructions given by the machine manufacturers.

Packaging

KLEIBERIT 572.1, Comp. A: metal drum, 260 kg net

KLEIBERIT 870.0, Comp. B: metal drum, 250 kg net

KLEIBERIT 820.0:
metal can, 22 kg net

Additional packaging sizes available upon request.

KLEIBERIT 572.1

Storage

KLEIBERIT 572 - Component A and B - may be stored for approx. 6 months in factory sealed containers.

Before use stir component A well!

Both components are not frost sensitive at temperatures above -20°C.

Protect both components from humidity.

Version 19/10/2020 ga; replaces previous versions

Waste Disposal

Disposal of contents and/or containers should comply with all applicable federal, state and local regulations.

Our containers are made of recyclable material.

Service

Our application department may be consulted at any time without obligation. The statements made herein are based on our experience gained to date. They are to be considered as information without obligation. Please test and establish for yourself the suitability of our products for your particular purposes. No liability exceeding the value of our product can be derived from the foregoing statements. This also applies to the technical consultancy service which is rendered free of charge and without obligation.