KLEIBERIT 575.0

2C-PUR-Moulding Compound Comp. A

Fields of use
Bonding and moulding special filters

Advantages
- Extremely good flow characteristics
- Problem-free processing with customary mixing and dosing plants
- Bacteriostatic and fungistatic

Properties of the Moulding Compound
Two-component system, free of solvents and softeners

Base: Polyurethane
Component A: KLEIBERIT 575.0
Component B: KLEIBERIT 575.1
Mixing ratio: Comp. A : Comp. B = 100 : 55 (parts by weight)
Comp. A : Comp. B = 100 : 50 (parts by volume)
Specific density at 20°C:
Comp. A: 1.10 ± 0.02 g/cm³
Comp. B: 1.20 ± 0.02 g/cm³
Colour of the mixture:
white
Viscosity at 20°C
-´Brookfield, Sp. 3/20 rpm:
Comp. A = 1.000 ± 300 mPa·s
- Brookfield, Sp. 1/20 rpm:
Comp. B = 65 ± 15 mPa·s
Flow time, 20°C (DIN cup, 4 mm):
Comp. B = 17 ± 3 sec
Flow quantity of the mixture
At 20°C (DIN cup, 4 mm):
> 60 g/30 sec
Consistency: flows well
Pot life, 20°C and 100 g mixture:
5 ± 1 min.
Hardness (Shore A):
approx. 90
Characteristics when flamed with a burner, measured acc. to DIN 53 438:
Part 2; edge flaming: K 2/5 mm
Part 3, surface flaming: F 1/5 mm
Identification: Comp. B requires identification according to EU regulations, contains 4,4'Diphenylmethandiisocyanate (see our safety data sheet)

Restricted to professional users

Processing
It is recommended that this PU system be processed as a filter Moulding Compound in continuous serial production using a two-component mixing and dosing plant. We would be pleased to supply detailed information of the manufacturers of suitable plant upon request.

The parts to be bonded must be dry and free from dust and grease. Remove all traces of separating agent from the surfaces of synthetic materials.

Please check whether the bonding properties and the temperature resistance is sufficient for your requirements.

Ensure that component A (the polyol component) is homogenised before and during application.

Cleaning
We recommend that KLEIBERIT 820.0 be used to clean tools and equipment.
When cleaning the mixing and dosing plant, please observe the manufacturers instructions.

Container sizes
KLEIBERIT 575.0 - Comp. A:
Container approx. 1,000 kg net
KLEIBERIT 575.1 - Comp. B:
Container approx. 1,100 kg net
KLEIBERIT 820.0:
Metal can 22 kg net

Storage
KLEIBERIT 575.0, Comp. A, and KLEIBERIT 575.1, Comp. B, can be stored in the original sealed containers at 15-25°C for approx. 9 months.
Stir component A before and during application!
Component B is sensitive to frost. Do not transport or store at temperatures below +10° C.

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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.

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