




Isepox[®] 5.1


1. description

-  **Fast-curing epoxy - based system, for casting in electronic components, with final characteristics of low water absorption, flame resistance and excellent dielectric power.**
-  **Approved system for UL 94 V-0 (File E361218).
Certified system UL for CTI, HAI, HWI, GWIT, GWFI (File E361218).**
-  **System complies with RoHS (2002/95/CE).
Approved system for UNI CEI 11170-3 (AFNOR NF F 16-101 e AFNOR NF F 16-102).**

2. composition

- Component A: filled and pigmented epoxy resin; **without halogens or phosphorus.**
- Component B: **very reactive**, polyamide modified hardener.

3. application

-  **For the casting of electronic components and for application of medium and low tension.**

4. use

4.1 supply

A: metallic can with movable lid and inside bag

kg 270

B: metallic can with welded lid

kg 180

Nb -packaging of different content is available on request.

⇒ *the components are to be proportioned according to the indicated stoichiometric ratio.*

4.2 mixing

Up to a perfect homogenizing.

4.3 operating ratio

A : B = 100: 12 in weight
A : B = 100 : 20 in volume

4.4 operating temperature

from 23 to 50 °C with automatic dosing and mixing.

4.5 storage

In hermetic packaging at a temperature of 23°C, 6 months.

It is recommended to check the sedimentation in the packaging. In case of sedimentation, remix.

The hardener is sensitive to humidity. Avoid the prolonged contact with the air.

4.6 tool cleaning

With specific solvent **Isepsol I** or a similar one.



6. Hygiene

When processing epoxy resins and its hardeners, all the hygienic and safety rules must be strictly observed. Wear gloves, protective glasses and suitable clothes. Observe the laws in force for waste disposal. Do not throw into the sewers. For detailed information, see the product safety sheet.

All the information herein is provided to the best of our knowledge.

The product mentioned are for professional use only: the indication of use supplied by the manufacturer does not release the buyer/user from testing the product and checking that the results actually obtained comply with those required.

Furthermore, the manufacturer accepts no liability, direct or indirect, deriving from or in any case related to the incorrect and/or improper use of the products and/or in any case deriving from the use of the products in conflict with the technical specifications described in the technical data sheets.

revision	date	description	Drawn up by
01/03	30 Aprile 2013	Isepox [®] 5.1	Bertaglia Antonella



QMFZ2.E361218 Plastics - Component

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Plastics - Component

[See General Information for Plastics - Component](#)

ISEP SRL

E361218

Via Della Liberazione 848

San Cesario Sul Panaro

41018 Modena, Mo ITALY

									H	D	
		Min.		H	H	RTI			V	4	C
		Thk	Flame	W	A	Elec	Mech		T	9	T
Material Dsg	Color	mm	Class	I	I		Imp	Str	R	5	I
Epoxy Casting Compound (EP - Casting), furnished as two liquid components.											
ISEPOX 5.1	GY	4.0	V-0	0	0	90	90	90	-	-	-
		6.0	V-0	-	-	90	90	90			
Polyurethane (PUR), furnished as two liquid components.											
ISEPUR 94 2	GY	6.4-7.0	V-0	-	-	50	50	50	-	-	-

Marking: Company name and material designation on container, wrapper or finished part.

[Last Updated](#) on 2016-09-08

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