



Isa-Pur™ 2072

General Properties	Technology/Base	polyurethane
	Type of Product	adhesive
	Curing	polyaddition curing
	Mechanical Properties	semi-structural
	Parts	two part system
	Part A (Resin)	Isa-Pur™ 2072
	Part B (Hardener)	Köracur TH 650
	Color	pearl white
	Product Benefits	low application viscosity pourable

Technical Data

Part A Isa-Pur™ 2072

Physical Properties		
Density	1.16 g/cm ³	DIN EN 542
Color	pearl white	
Processing Guidelines and Parameters		
Storage Temperature	-25 °C to 35 °C	
Viscosity	1,400 mPa·s	Kö-test method 100001

Part B Köracur TH 650

Physical Properties		
Density	1.23 g/cm ³	DIN EN 542
NCO content	31%	
Color	brown	
Processing Guidelines and Parameters		
Storage Temperature	10 °C to 25 °C	
Viscosity	300 mPa·s	Kö-test method 100000

General

Physical Properties		
Density	1.18 g/cm ³	DIN EN 542
Glass Transition Temperature	35 °C	DIN EN ISO 6721-1
Processing Guidelines and Parameters		
Mixing Ratio (Part A : Part B) by Weight	100 : 42	
Mixing Ratio (Part A : Part B) by Volume	100 : 40	
Processing Temperature	15 °C to 25 °C	



Curing Potlife Curing Time	4 min min. 24 h	Kö-test method 100172
Cured Material Characteristics Shore Hardness (Type D) Tensile Strength Elongation at Break Lap Shear Strength	60 15 MPa 70% 14 MPa	ISO 868, after 7 d DIN EN ISO 527, after 7 d DIN EN ISO 527 DIN EN 14869-2, substrates: aluminum/aluminum, after 7 d

Product Properties

Applications	Special Applications	filter industry
Processing	Preparation of adhesive	Adhesive must be stirred to homogeneity before use!
	Suitable Substrates	metal pre-treated plastics paper
	Consistency	pourable
	Surface Requirements	dry clean free of grease free of dust polyolefin plastics have to be corona or flame treated other plastics and metals should be primed
	Application Method	roller coating via two part mixing and metering systems potting
Cleaning	Cleaner for Tools	Körasolv PU
Hints	Moisture Sensitivity	The adhesive must not be exposed to moisture before and during application. Moisture causes foaming leading to lower mechanical properties.



Additional Information

Storage

Isa-Pur™ 2072 should be used within the shelf life specified on the packaging. The storage stability only applies to material stored under appropriate conditions (original unopened containers, recommended storage temperature).

Safety

Please read our Safety Data Sheet (SDS) and the labels of each product before use. The valid safety regulations must be considered.

Preparation

For some substrates the use of mechanical pre-treatment and/or cleaner or primer is necessary to achieve good adhesion. Refer to the product properties section of this data sheet for special surface requirements and suitable adhesion promoters.

Processing

Refer to the technical data table regarding processing parameters. Low temperatures can cause a temporary increase in viscosity resulting in reduced extrusion and slower curing rates.

Cleaning

Clean tools immediately after use. Once cured, the material can only be removed mechanically. Appropriate cleaners are listed in the product properties table. For further information please contact your local sales office.

Disposal

Please refer to the Safety Data Sheet (SDS) for appropriate disposal instructions.

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