Technical-Data-Sheet

WG

Two-component PUR cast resin

removable

The unfilled thin two-component polyurethane cast resin (PUR) WG was particularly developed for cable joints. The hardened moulding material is permanently elastic and can be removed at any time with simple tools. REACH Regulation on the restriction of diisocyanates (for EU countries only). The European Commission amended Annex XVII of the REACH Regulation (EC) (new number 74) with Regulation (EU) 2020/1149, which entered into force on 24 August 2020. In accordance with the new REACH Regulation, appropriate training will be required prior to the industrial or professional use of diisocyanates, adhesives and sealants as of 24 August 2023. All information regarding training materials and training courses is available on the ISOPA/ALIPA website https://www.safeusediisocyanates.eu/



Product description

Article name	WG 1000
Material number	125205
Characteristics	Favourable flow properties
	High hydrolysis resistance
	Halogen-free
	Low hardening temperature
	Not harmful to the environment
	No fracturing under mechanical tension
	No fracturing under electrical stress
	Excellent adhesion to all cable materials
	No fracturing under electrical stress
	Excellent adhesion to all cable materials
Family notes	Other sizes available on request.
	Connection requires mechanical tension relief due to the flexibility of the resin e.g. by means of a mechanically stable joint housing.

Technical data

Test standards	DIN VDE 0278-631-1
Content	1000 ml
Flash point of cast resin component (open cup)	200 °C
Flash point of reactant (open cup)	200 °C
Processing time (pot life) 300 ml mixture 5 °C	33 minutes
Processing time (pot life) 300 ml mixture 23 °C	24 minutes
Processing time (pot life) 300 ml mixture 35 °C	21 minutes
Reaction temperature max	60 °C
Total volume shrinkage during curing	1.2 %
Water absorption in warm water (42 d at 50 °C)	450 mg
Electrolytic corrosion	A 1,2
1 minute test voltage at 23 °C	> 20 kV
1 minute test voltage at 80 °C	> 10 kV
Dielectric dissipation factor at 23 °C and 50 Hz	0.04
Dielectric constant at 23 °C and 50 Hz	5.7
Tracking resistance	KA 3c
Tensile strength	0.6 N/mm²
Hardness	44 Shore A
Density	1.1 g/cm³
Density cured casting compound (associated standard)	ISO 1183-1
Elongation at break	60 %

Logistics data

Delivery scope	Cast resin 1000ml
Shelf life	18 Month
Shelf life description	In aluminium bag
Storage temperatur max	35 °C
Storage temperatur min	15 °C
Country of origin	Germany
Customs tariff number	39095090

EAN-UPC	4010311119434			
Base quantity	1	1	144	
Base unit of measure	Piece	Piece	Piece	
Alternate quantity	1	1	1	
Alternative unit of measure	Piece	Case	Pal. OW	
Lenght	339	339	1200	
Width	187	187	800	
Height	47	47	770	
Dimension unit	Millimetres	Millimetres	Millimetres	
Volume	2.979	2.979	739.2	
Volume unit	Cubic decimetres	Cubic decimetres	Cubic decimetres	
Gross weight	1.19	1.19	189.56	
Net weight	1.19	1.19	171.36	
Weight unit	Kilogram	Kilogram	Kilogram	