

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.



Product description

Article name	WG 1000
Article number	125205
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. 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/

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

Technical data

Article name	WG 1000
Article number	125205
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/mm ²
Hardness	44 Shore A
Density	1.1 g/cm ³
Density cured casting compound (associated standard)	ISO 1183-1
Elongation at break	60 %

Logistics data

Article name	WG 1000
Article number	125205
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/GTIN	4010311119434

Packaging data

Alternative unit of measure	Case	Pal. OW
Base quantity	1	144
Base unit of measure	Piece	Piece
Lenght (mm)	339	1200
Width (mm)	187	800
Height (mm)	47	770
Net weight (kg)	1.19	171.36
Gross weight (kg)	1.19	189.56