

## Two-component PUR cast resin

reduced hazard-class, without training

Cast resin GG is a special development to fulfill reduced hazard-classification. Its labelling identification, according to the CLP-Regulation (EC) No. 1272/2008, does not contain the H351 statement. The cast resin GG has similar properties as the known polyurethane cast resins. Cast resin GG is suitable for low voltage polymeric-insulated and mass-impregnated paper cables up to 1 kV.



### Product description

Article name	GG 1000
Article number	353818
Notes	Other sizes available on request. Diisocyanates training is not required.

#### Characteristics

Favourable flow properties
High hydrolysis resistance
Stabilized against UV rays
Halogen-free
Resistant to alkaline earth elements
Not harmful to the environment
Flexibility ensures mechanical stress absorption
No fracturing under electrical stress
Low hardening temperature
Low hardening temperature
Low hardening temperature

## Technical data

Article name	GG 1000
Article number	353818
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	68 minutes
Processing time (pot life) 300 ml mixture 23 °C	24 minutes
Processing time (pot life) 300 ml mixture 35 °C	15 minutes
Reaction temperature max	60 °C
Total volume shrinkage during curing	< 6 %
Impact strength	> 10 kJ/m <sup>2</sup>
Hardness	30 Shore D
Density	1.32 g/cm <sup>3</sup>
Density cured casting compound (associated standard)	ISO 1183-1
Operating temperature range min	-40 °C
Operating temperature range max	90 °C

## Logistics data

Article name	GG 1000
Article number	353818
Delivery scope	Cast resin 1000ml
Shelf life	24 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	4010311171166

## Packaging data

Alternative unit of measure	Case	Pal. OW
Base quantity	1	72
Base unit of measure	Piece	Piece
Lenght (mm)	341	1200
Width (mm)	186	800
Height (mm)	39	550
Net weight (kg)	1.465	105.48
Gross weight (kg)	1.465	123.68