

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 143
Article number	353890
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 143
Article number	353890
Test standards	DIN VDE 0278-631-1
Content	143 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 ²
Hardness	30 Shore D
Density	1.32 g/cm ³
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 143
Article number	353890
Delivery scope	Cast resin 143ml
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	4010311171234

Packaging data

Alternative unit of measure	Case	Pal. OW
Base quantity	1	420
Base unit of measure	Piece	Piece
Lenght (mm)	189	1200
Width (mm)	150	800
Height (mm)	24	550
Net weight (kg)	0.266	111.72
Gross weight (kg)	0.266	129.92