Technical-Data-Sheet

GG

Two-component PUR cast resin

reduced hazard-class, without training

Cast resin GG is a special development to fulfill reduced hazard-classification. It‘s 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
Material number	353890
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
Family notes	Other sizes available on request.
	Diisocyanates training is not required.

Technical data

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/m²
Hardness	30 Shore D
Density	1.32 g/cm³
Density cured casting compound (associated standard)	ISO 1183-1
Operating temperature range min	-40 °C
Operating temperature range max	90 °C

Logistics data

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-UPC	4010311171234			
Base quantity	1	1	420	
Base unit of measure	Piece	Piece	Piece	
Alternate quantity	1	1	1	
Alternative unit of measure	Piece	Case	Pal. OW	
Lenght	189	189	1200	
Width	150	150	800	
Height	24	24	550	
Dimension unit	Millimetres	Millimetres	Millimetres	
Volume	0.68	0.68	528	
Volume unit	Cubic decimetres	Cubic decimetres	Cubic decimetres	
Gross weight	0.266	0.266	129.92	
Net weight	0.266	0.266	111.72	
Weight unit	Kilogram	Kilogram	Kilogram	