

Two-component hydrocarbon resin

non-labelled free of silicone and isocyanate

Cast resin CG is an environment-friendly and removable 2-component cold curing casting compound based on hydrocarbon resins which does not require hazardous label acc. to CLP-Regulation (EC) No. 1272/2008. The translucent cast resin allows a visual inspection even after the casting. The connection is accessible at any time by removing the cast resin. Typical application areas: cable branch-off cabinet, connection boxes, telecommunication cable connections, electronic components.



Product description

Article name	CG 420
Article number	434566
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.

Characteristics
Exceptional electrical insulation
Free hazardous labelling identification according to the CLP-Regulation (EC) No. 1272/2008
Free of isocyanate and silicon
Removable
Translucent before and after curing
Favourable flow properties
Low volume shrinkage
No fracturing under electrical stress
Excellent adhesion to all cable materials
Halogen-free
Cold curing (no heat during reaction)
Halogen-free
Cold curing (no heat during reaction)

Technical data

Article name	CG 420
Article number	434566
Test standards	IEC 60455-3-8
	EN 50655-1
Content	420 ml
Processing time (pot life) 300 ml mixture 5 °C	24 minutes
Processing time (pot life) 300 ml mixture 23 °C	21 minutes
Processing time (pot life) 300 ml mixture 35 °C	16 minutes
Processing time (pot life) 300 ml mixture (associated standard)	IEC 60454-2
PEN-Hardness	57 1/10 mm
PEN-Hardness (associated standard)	ISO 2137
Viscosity (23 °C)	4200 mPas
Viscosity (associated standard)	ISO 2555
Volume resistance 23°C	> 10 ¹⁴ Ω cm
Volume resistance 23°C (associated standard)	IEC 60093
Density	0.92 g/cm ³
Density cured casting compound (associated standard)	ISO 1183-1
Operating temperature range max	80 °C
Operating temperature range (associated standard)	IEC 60455-2
Dielectric strength	> 25 kV/mm
Dielectric strength (associated standard)	IEC 60243-1

Logistics data

Article name	CG 420
Article number	434566
Delivery scope	Cast resin 420ml
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	4010311196527

Packaging data

Alternative unit of measure	Case	Pal. OW
Base quantity	1	240
Base unit of measure	Piece	Piece
Lenght (mm)	226	1200
Width (mm)	186	800
Height (mm)	32	550
Net weight (kg)	0.479	114.96
Gross weight (kg)	0.479	133.16