

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

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|----------------|---|
| Article name | CG 250 |
| Article number | 362399 |
| 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. |

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| 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

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|---|-------------------------|
| Article name | CG 250 |
| Article number | 362399 |
| Test standards | IEC 60455-3-8 |
| | EN 50655-1 |
| Content | 250 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

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|------------------------|------------------|
| Article name | CG 250 |
| Article number | 362399 |
| Delivery scope | Cast resin 250ml |
| 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 | 4010311174877 |

Packaging data

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|-----------------------------|-------|---------|
| 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) | 28 | 550 |
| Net weight (kg) | 0.298 | 125.16 |
| Gross weight (kg) | 0.298 | 143.36 |