

# Technical-Data-Sheet

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**FG**

## Two-component PUR cast resin

flexible

Cast resin FG is suitable for repairing damaged cable-sheaths and for connecting flexible cables. It provides an excellent resistance to abrasion.



### Product description

Article name	FG 730
Material number	131233
Characteristics	Favourable flow properties
	High hydrolysis resistance
	Halogen-free
	Resin remains highly flexible after hardening
	Flexibility ensures mechanical stress absorption
	No fracturing under mechanical tension
	No fracturing under electrical stress
	Excellent adhesion to all cable materials
	Low hardening temperature
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	Low hardening temperature
Family notes	Other sizes available on request.

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## Technical data

Test standards	DIN VDE 0278-631-1
Content	730 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	21 minutes
Processing time (pot life) 300 ml mixture 23 °C	17 minutes
Processing time (pot life) 300 ml mixture 35 °C	12 minutes
Reaction temperature max	60 °C
Total volume shrinkage during curing	6 %
Water absorption in warm water (42 d at 50 °C)	600 mg
1 minute test voltage at 23 °C	> 20 kV
1 minute test voltage at 80 °C	> 10 kV
Dielectric dissipation factor at 23 °C and 50 Hz	0.2
Dielectric dissipation factor at 50 °C and 50 Hz	1.4
Dielectric constant at 23 °C and 50 Hz	7.4
Dielectric constant at 50 °C and 50 Hz	8.9
Tracking resistance	KA 3c
Hardness	50 Shore A
Density	1.1 g/cm <sup>3</sup>
Density cured casting compound (associated standard)	ISO 1183-1
Elongation at break	250 %

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## Logistics data

Delivery scope	Cast resin 730ml
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	4010311003740			
Base quantity	1	1	180	
Base unit of measure	Piece	Piece	Piece	
Alternate quantity	1	1	1	
Alternative unit of measure	Piece	Case	Pal. OW	
Lenght	226	226	1200	
Width	186	186	800	
Height	39	39	550	
Dimension unit	Millimetres	Millimetres	Millimetres	
Volume	1.639	1.639	0.528	
Volume unit	Cubic decimetres	Cubic decimetres	Cubic metres	
Gross weight	0.895	0.895	165.08	
Net weight	0.816	0.816	146.88	
Weight unit	Kilogram	Kilogram	Kilogram	