

NO TRAINING REQUIRED



Low voltage

PUR cast resin GG

2-component PUR cast resin with ideal mechanical properties coupled with a low classification according to CLP regulation

Diisocyanates training is not required

We connect your energy

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Product range addition: new PUR cast resin GG from BBC Cellpack

Varnishes, adhesives, oven sprays and household cleaners along with many other chemical mixtures have been newly classified since 01 June 2015 according to the CLP Regulation (EC) No. 1272/2008. They are also subject to standardised labelling throughout Europe. This legal regulation has raised awareness of occupational safety and environmental protection in the markets. As a responsible manufacturer with decades of expertise in developing cable accessories, BBC Cellpack recognises the demand for products with more stringent protection requirements to be met during processing and is expanding its comprehensive portfolio of sealing compounds with its new 2-component PUR cast resin GG. Due to the special chemical composition, the product is only declared with the symbol GHS 07. When it comes to hazardous substance classification, it is rated on the same low level as, for example, standard household detergents. Of course, it still offers the properties that users have come to expect and appreciate in a polyurethane cast resin, such as excellent flow behaviour or high mechanical protection. No matter whether it is pure cast resin in a practical 2-chamber mixing bag or a system-tested cable accessory, GG offers cables and wires lasting protection against foreign substances, moisture and dust, as well as reliable insulation.

Fact check: GG is green cast resin

- ✓ New CMR free green resin
- ✓ mechanically stable.
- ✓ Rigorously tested through intensive quality tests.
- ✓ Free of halogen and SVHC
- ✓ REACH and RoHS compliant resin
- ✓ Reliable and user-friendly.
- ✓ Low classification, similar to standard household detergent according to the CLP regulation.
- ✓ It can be placed on the market without any self-service restrictions in accordance with the German Chemical Prohibition Ordinance.

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Product advantages

- 2-component PUR cast resin
- Low classification according to CLP Regulation (EC) No. 1272/2008
- Good flow behaviour
- Appropriate pot life at low temperatures
- Outstanding hydrolysis resistance
- Resistant to alkaline earths
- Stabilised against UV rays
- Halogen-free and environmentally compatible
- Very good electrical insulation values
- High mechanical protection
- Low hardening temperature

Applications and properties

- For low voltage U_0/U_m (U_m) 0.6/1 (1.2) kV
- Test standard DIN VDE 0278-631-1
- For indoor, outdoor, ground and water (according to standard) according to EN 50393
- For plastic and paper-insulated low-voltage cables up to 1 kV with copper or aluminium conductors
- Can be ordered separately or as a connection or branch cable kit
- Shelf life: 24 months in aluminium bag at ambient temperatures between 15°C and 35°C

In accordance with the CLP Regulation, GG is classified in the same way as, for example, standard household detergents – while retaining all the proven properties of a 2-component PUR cast resin from BBC Cellpack.



✓ **REDUCED HAZARD-CLASS**

✓ **PROCESS-SAFE**

✓ **DIISOCYANATES TRAINING IS NOT REQUIRED**

2-chamber mixing bag with cast resin GG: can be ordered separately

The new cast resin GG, with the reduced hazard-class, is a seamless addition to BBC Cellpack's internationally tried and tested, process-safe cast resin portfolio. It is also available in the well-established 2-chamber mixing bags with integrated separator. They are made of triple-laminated, gas and waterproof aluminium plastic laminate. After removing the separator, the cast resin and hardener flow together freely in the closed system. The contents are not contaminated by dirt or foreign matter during mixing. Hardened cast resin residues left in the bag can be easily disposed of in normal household waste.

Product	Content ml	Art. no.
2-component PUR cast resin in aluminium bag		
GG 80	80	353869
GG 143	143	353890
GG 286	286	353891
GG 370	370	353892
GG 464	464	353893
GG 730	730	353894
GG 1000	1000	353818
GG 1700	1700	335750
GG 2150	2150	317353



System solution: Cable accessory with cast resin GG

BBC Cellpack cast resin joints with GG are distinguished by their excellent mechanical properties, high insulation protection and long-lasting functional reliability. The transparent joint shells made of highly impact-resistant plastic offer considerable advantages and make it possible to visually inspect the cable connection at any time during the casting process. The joints are longitudinally and transversely watertight and are suitable for installing in low-voltage networks. The product range includes eight straight-through joints and eleven branch joints.



Product and order information

Cast resin straight-through joints with GG



		Polymeric insulated cable						
		Non-armoured						
		1x	2x	3x	4x	5x		
Type	Max. cable Ø mm	Nennquerschnitt pro Ader mm ²					Art. no.	
M	0 GG	15	25	10	6	6	4	353703
	1 GG	22	95	25	16	16	10	353717
	2 GG	30	185	50	35	25	16	353718
	2,5 GG	37	300	70	70	50	35	353719
	3 GG	42	400	120	95	70	50	353740
	4 GG	52	500		120	95	70	353741
	5 GG	62	1000		240	185	120	353742
	6 GG	80			300	240	185	353743

Cast resin straight-through joints with GG



		Polymeric insulated cable								
		Non-armoured								
		3x		4x		5x				
Type	Max. cable Ø mm		Nennquerschnitt pro Ader mm ²						Art. no.	
	Main cable	Branch cable	Main cable	Branch cable	Main cable	Branch cable	Main cable	Branch cable		
Y	00 GG	19	19	4	2,5	4	2,5	4	2,5	353812
	0 GG	17	17	6	6	6	6	6	6	353813
	1 GG	22	22	10	10	10	10	10	10	353814
	2 GG	34	30	25	25	25	25	25	25	353815
	3 GG	42	37	50	25	50	35	25	25	353816
4 GG	53	37	95	35	95	50	50	35	353817	



		Polymeric insulated cable								
		Non-armoured								
		3x		4x		5x				
Type	Max. cable Ø mm		Nennquerschnitt pro Ader mm ²						Art. no.	
	Main cable	Branch cable	Main cable	Branch cable	Main cable	Branch cable	Main cable	Branch cable		
T	1 GG	22		10	10	6	6	4	4	353846
	2 GG	30		25	25	16	10	10	10	353847
	2,5 GG	37		50	50	35	16	16	10	353848
	3 GG	42		70	70	50	25	25	16	353849
	4 GG	52		120	120	95	50	50		353860

BBC Cellpack GmbH
 BBC Cellpack Electrical Products
 Carl-Zeiss-Straße 20 | 79761 Waldshut-Tiengen | Germany
 Tel. +49 7741 6007-0 | Fax: +49 7741 64989
 electrical.products@cellpack.com



More information about our products:
electricalproducts.cellpack.com

www.cellpack.com