



The product is a two-component, liquid casting material. It cures in a condensation system. Hardening occurs at room temperature. The material ensures low expansibility. It's ideal for casting or filling gaps in electronic components with metal housings. It has excellent fluidity during dosing and casting. After curing, it does not detach due to cyclic heating from the surface to which it adheres. The hardened product is dry to the touch.

The application of condensation filling compound in a closed system can cause the occurrence of unarmful white coating, which does not influence on the operation of the system.

Application:

- encapsulation of electronic/electrical systems;
 - energy converters;
 - power semiconductors;
 - power supplies;
- automotive electronics;
 - motion control;
 - telecommunication;
 - computers and peripheral devices.

Filling compound properties (after cross-linking) 100:8:	
Density at 25°C	approx. 0,97 g/cm³
Content of volatiles	3%
Shelf life at 25°C	approx. 30 min
Geling time at 25°C	max. 48 h
Operating temperature	from -50°C to 200°C
PH of aqueous extract	7±1
Consistency after cross-linking	solid (transparent rubber)

Safety:

The product does not cause any hazard. It is not subject to **ADR/RID** regulations.

Test of cross-linking samples, seasoning for at least 100 hours at a room temperature from a hardening time		
Parameter	Unit	Result
Cross resistivity at 20 ± 5°C and air relative humidity of 65±5% (ASTM D257)	[Ωxcm]	1x10 ¹²
Surface resistivity at 20 ± 5°C and air relative humidity of 65±5% (ASTM D257)	[Ω]	1x10 ¹³
Dielectric loss factor (tg δ) (ASTM D150) at a frequency 10 ⁶ Hz	-	0,005
Dielectric permeability at a frequency of 10 ⁶ Hz	-	3
Dielectric durability at 20 ± 5°C and air relative humidity of 65±5% (PN-EN 60243-1) [kV	[kV/mm]	10,0
Resistance to creepage currents in accordance with PN-EN 60112:2003 (CTI)	CTI [V]	600
Hardness based on Shore scale	[A]	26

Packagings:	
Volume	Item Code
100 g (100 g A + 8 g B)	ART.AGT-219
1 kg (1 kg A + 80 g B)	ART.AGT-260

[See the product data sheet for more information.](#)