TermoPasty®

TECHNICAL DATA SHEET

Colophony

Colophony with added activators is an essential component in precision soldering work. It meets the most stringent standards, including ISO 9454-1 Type 1131 and J-STD-004 ROL0, ensuring the highest quality and efficiency. Its unique activator formula effectively combats oxidation and eliminates the risk of "cold solder joints." It is an ideal choice for tin-lead alloy soldering and serves as an excellent base for reference flux solutions.

Product features:

- high efficiency and effectiveness,
- resistance to high temperatures,
- solubility in toluene at 0.05%,
- chemical purity,
- compliance with ISO 9454-1 Type 1131 and J-STD-004 ROL0 standards,
- No Clean - no need to remove residues after soldering.

Applications:

- eliminating oxidation on soldered surfaces,
- ensuring durable and reliable solder joints,
- tin-lead alloy soldering,
- base for preparing reference flux solutions (25% solution in isopropyl alcohol).

Physicochemical properties	
Appearance	Amber solid substance
Density at 20°C	1.03 g/cm³
Softening temperature	Min. 78°C
Operating temperature	78-200°C
Iodine number	5-25 g I_2/100 g
Acid number	160-190 mg KOH/g
Saponification number	170-220 mg KOH/g
Substances soluble in toluene	Max. 0.05%
Ash content	Max. 0.04%
Volatile fat content	Max. 2%
Shelf life	3 years

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Compatibility:

Colophony is safe and effective for soldering most electronic and metal components. Its advanced formula minimizes the risk of damage and ensures durable connections, even in challenging thermal conditions.

Application method	
Directly from the package	Yes
Dissolution	Yes
Soldering iron tip	Yes

Usage instructions:

Before use, ensure that the surface is properly cleaned. Apply colophony to the soldering area, then bring the soldering tip close to the joint. For optimal results, colophony can be dissolved in isopropyl alcohol to create a flux solution. After soldering, remove any residues if required by project standards.

Package	
Metal box	20 ml (ART.AGT-033) - 40 pcs.* 40 ml (ART.AGT-034) - 40 pcs.* 100 ml (ART.AGT-035) - 20 pcs.*
Stringed bag	500 g (ART.AGT-094) - 1 pc.*
Plastic box	1 kg (ART.AGT-268) - 1 pc.*

*Quantity of pcs. in a bulk package

Storage:

Store in tightly closed, labeled containers in a dry, cool, and well-ventilated place at a temperature of 5-25°C. Do not store with oxidizers. Keep away from heat, hot surfaces, sparks, and open flames. Protect from direct sunlight.

Technical support:

AG TermoPasty provides technical support, answering questions about the technical specifications and applications of our products. Please contact us via email at info@termopasty.pl.

Note:

The data presented in this document reflect our current state of knowledge and describe the typical properties and applications of the product. However, the responsibility for determining the suitability of this product for specific applications lies with the user. AG TermoPasty is not liable for the results of the product's use, as the conditions of its application are beyond our control.