

TECHNICAL DATASHEET



LDM

April 2025

Solder mask high temperature

PRODUCT DESCRIPTION

LDM product, destined for insure the protection of precise parts of printed circuits, is a flexible compound to basis of copolymere weak viscosity.

The product LDM allows to obtain a mask insuring the protection during operations of manufacture, coating, assembling and wave soldering..

LDM is compliance with REACH and RoHS regulations. If you want a certificate, please contact us (info@abchimie.com).

FEATURES

- Drying at room temperature or acceleration by heating in an oven.
- Removes completely by hand, leaves no residue.
- Does not dissolve in solvents and does not contaminate varnishes.
- Very solid film, does not tear.
- It supports until 270°C during several seconds (max 8) the necessary time for the soldering to the wave.
- Coins to protect have to be clean, without oil, grease, silicone...

APPLICATION

To apply LDM on the part to protect, by soaking, brushing or with the beak of the supple bottle in polyethylene.

LDM contains ammonia. It should be used in a well-ventilated room.

CURING CONDITIONS

The time of drying will be in accordance with the thickness of the layer and the room temperature. A slim layer applied on the brush (1-1.5mm 20°C) will dry to the air in 30 to 40 mn.

A passage to 65 or 80°C will accelerate the process of drying.

PROPERTIES

Colour:	White liquid	
Odour:	Ammonia	
Solubility:	Soluble to the water with precipitates	
Density:	>1	...
pH:	from 8.4 to 9.4	
Elongation at rupture:	700 à 900 %	

PACKAGING:

250 mL bottle with spout (white)	LDM250 HT
55CC syringe (white)	LDM 55CC

REFERENCES

STORAGE AND SHELF LIFE:

Storage temperature: Room temperature (min 5°C – max 40°C)

Shelf life: 12 months after the date of manufacturing

All information is given in good faith but without warranty. Properties are given as a guide only and should not be taken as a specification. ABchimie cannot be held responsible for the performance of its products within any application determined by the customer, who must satisfy themselves as to the suitability of the product.