

# METAL ALLOY 47°C

TDS N° 7.2

TECHNICAL DATA SHEET

2005

## Description

Low melting point alloy use for blocking plastic plastic and glass lenses.

## Benefits

- The lowest melting point
- Allows to block lenses without deformation.
- Low oxidation level.
- Can be recycled.

## Technical Data

Density	8.95 g/cm <sup>3</sup>
Melting point	47 °C - 117 °F
Brinell hardness	12
Solid specific heat	0.163 J.g-1.°C-1
Liquid specific heat	0.197 J.g-1.°C-1
Volume change liquidus/solidus	1.5%
Tear resistance	36,8 J.g-1
Appearance	Silver white metal Silver white metal



## Composition

Bismuth (Bi) :	44.70
Plomb (Pb) :	22.60
Etain (Sn) :	8.30
Cadmium (Cd) :	5.30
Indium (In) :	19.10

## Storage and Use

- Store out of dust or grease.
- Products in their original packaging.
- Wear protective equipment recommended into the Material & Safety Data Sheet.

## Packaging

Disks of ± 1 kg.

*Technical data presented here are supplied for information only and do not act as specifications.*