

# METAL ALLOY 60°C

TDS N° 20.2

TECHNICAL DATA SHEET

2005

## Description

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

## Benefits

- A low melting point which reduces deformation of the lens.
- Low oxidation level.
- Can be recycled.

## Technical Data

Solidus	62° C - 144 ° F
Brinell hardness	13
Specific solid heat	0.159 J.g-1.°C-1
Specific heat liquid	0.188 J.g-1.°C-1
Latent heat of fusion	36 J.g-1
Appearance	Silver white metal
Electrical resistivity	47.8 μOhm.cm-1
Liquidus	59°C-139°F



## Composition

Bismuth (Bi) :	32.50
Plomb (Pb) :	0.00
Etain (Sn) :	16.50
Cadmium (Cd) :	0.00
Indium (In) :	51.00

## 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.*