

METAL ALLOY 70°C

TDS N° 21.2

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

Density	9.67 g/cm ³
Melting point	70 °C - 158 °F
Brinell hardness	9.2
Solid specific heat	0.159 J.g-1.°C-1
Liquid specific heat	0.188 J.g-1.°C-1
Volume change liquidus/solidus	1.5
Latent heat of fusion	36J.g-1
Appearance	Silver white metal



Composition

Bismuth (Bi) :	50.00
Plomb (Pb) :	26.70
Etain (Sn) :	13.30
Cadmium (Cd) :	0.00
Indium (In) :	10.00

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.