PRODUCT PROFILE

ELECTROLOY LEAD FREE BAR

Product Name	Product Code
SOLDER BAR – LEAD FREE ALLOY – Sn42/Bi58	**LF- 302B**

PRODUCT INFORMATION

LF-302B is low dross lead free bar with alloy composition 42% Tin and 58% Bismuth. This is a ROHS compliance lead free bar which able to meet and fulfill international requirements.

CHEMICAL COMPOSITION OF ALLOY

The composition of Electroloy's LF-302B lead free bar is strictly controlled to the following specification: -

ELEMENT	**LF-302 SPECIFICATION**
TIN	41-43 %
LEAD	MAX 0.050 %
ALUMINIUM	MAX 0.005 %
ANTIMONY	MAX 0.050 %
ARSENIC	MAX 0.030 %
BISMUTH	REMAINDER
COPPER	MAX 0.080 %
IRON	MAX 0.010 %
ZINC	MAX 0.003 %
CADMIUM	MAX 0.002 %
SILVER	MAX 0.050 %
NICKEL	MAX 0.010 %
INDIUM	MAX 0.050 %
GOLD	MAX 0.050 %

PHYSICAL APPEARANCE

The LF-302B exhibit a shiny appearance & uniform silver grey in color. The brand & alloy code is embossed onto the surface of each bar. Each bar is approximately 700 – 900 grams in weight. The physical dimension is about 330mm X 20mm X 13mm.

PACKAGING

The LF-302B lead free bars are pack into “Green “carton boxes of 20kg each. Each box contain the following traceable information:

1. The Supplier
2. Grade
3. Product Code / Type
4. Lot Number
5. Weight per Box

DELIVERY

Each shipment shall be accompanied with a Certificate of Analysis for each lot, which indicates the impurity level of each element according to LF-302 Specification.

STORAGE AND SHELFLIFE

Electroloy’s LF-302B lead free bars have no limited shelf life when handled properly. Storage must be in a dry & non-corrosive environment.
To minimize the bars from further oxidation, ensure that the packaging is not damaged.
The solder surface may lose its shine & appear a dull shade of light yellow. This is a surface phenomenon & is not detrimental to product functionality & performance.

HEALTH AND SAFETY

Refer to the MSDS for guidance on safety and health issues.