ST122/NCF-A4-450/50/300/2X23.4/D-UE

TECHNICAL SPECIFICATION

(Code 5K8681)

A) GETTER MIXTURE

Type : ST122
Nominal Composition (wt%) : Ti 70, S1707 30

B) GETTER SUPPORT MATERIAL

Base material : Nichrofer 6025 HT

C) GETTER DIMENSIONS

The getters are supplied in A4 sheet type (nominal dimension 210x297 mm)
The single sheet contains 450 pieces
The getter dimensions are referred to a single piece.

See drawing No. 1. K555 D001 22 Rev. 1 herewith enclosed.

Overall getter dimensions : 2 x 23.4 mm
Total getter exposed surface : 60 mm²
Coating thickness (of single layer) : 150 µm
Coating type : Double side
Total thickness : 350 µm

D) GETTER CHARACTERISTICS

The getter characteristics are referred to a single piece

Total quantity of active getter material : 18 mg
Total weight : 36 mg

E) SORPTION PERFORMANCE 

See typical sorption curve No. L K555 S009 22 Rev. 1 herewith enclosed.

Activation temperature : 500 °C x 10’
Sorption pressure : 4 x 10⁻⁶ mbar
Tested gasses : H₂ - CO
F) IDENTIFICATION

The product is identified by the description and the numbers printed on the label stuck on packing.

Code
SAES internal product code

Ref. no
Progressive number of each packing

Lot no.
Number to be mentioned in case of any technical request on the product.

Quantity
The number describes the total getters quantity contained inside the packing.

Date
Packing date.

Suggested use before
Product shelf life

Product description
Product name

G) PACKING

The sheet(s) is (are) packaged in a rigid plastic (polystyrene) tray.
Each sheet is spaced using a PE dissipating film.
The tray is packaged under vacuum in a gas tight Al-PE bag closed by thermo sealing.

II) STORING CONDITION

When the Al-PE bag is opened the getters have been stored in a dry clean environment up to 3 months.
For longer storage periods the getters have to been to kept under vacuum or nitrogen atmosphere.

I) PRODUCT or MATERIAL HANDLING

Refer to product Material Safety Data sheet.

(1) Measured as per ASTM F704-92
(2) In order to define the sorption performance of the specific getter, multiply the sorption value reported on the encluse curve by the total exposed getter surface as reported in section B multiply by 10^3
Will not be maintained.

Section A-A

Detail C

Detail B

450 pieces in one sheet.