

# SbS16% 1020

## Heat spreader for RF device

### Dimension

- Width : 20.6mm
- Length : 9.8mm
- Thickness : 1mm

### Features

- High Thermal Conductivity
- Low CTE



Product Inquiry

List

## Specification

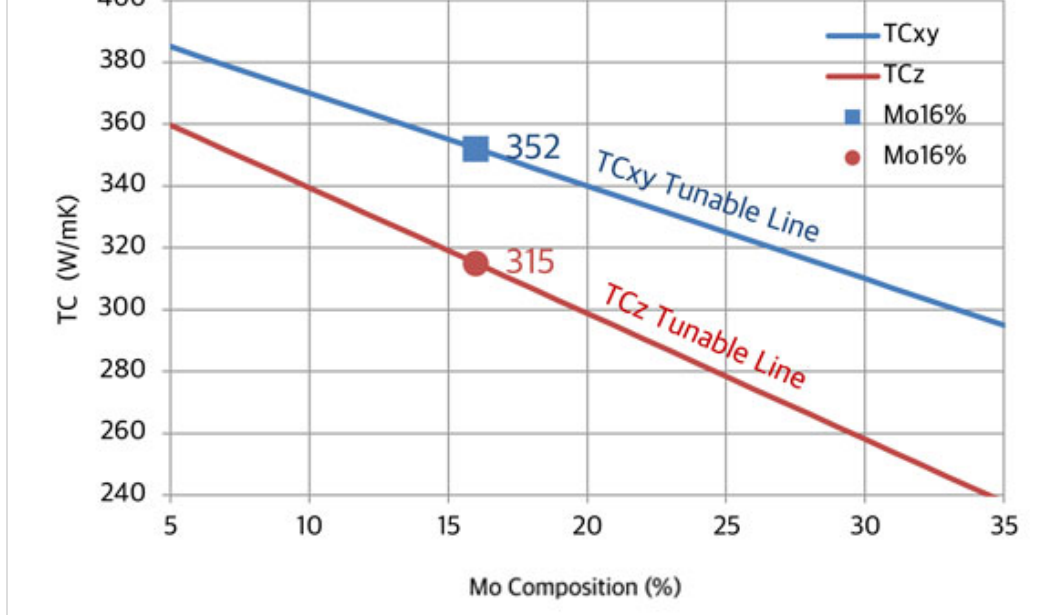
Properties	Values
TC <sub>xy</sub> (W/mK)	352
TC <sub>z</sub> (W/mK)	315
CTE (ppm/K) @800°C	6.99
Electrical Conductivity (%IACS)	87.2
Density (g/cm <sup>3</sup> )	9.16
Tensile Strength (Mpa)	294

※ TC<sub>xy</sub> represents the thermal conductivity (TC) in the plane direction of the heat spreader, that is, the x-axis and y-axis directions, and TC<sub>z</sub> represents the thermal conductivity in the thickness direction of the heat spreader.

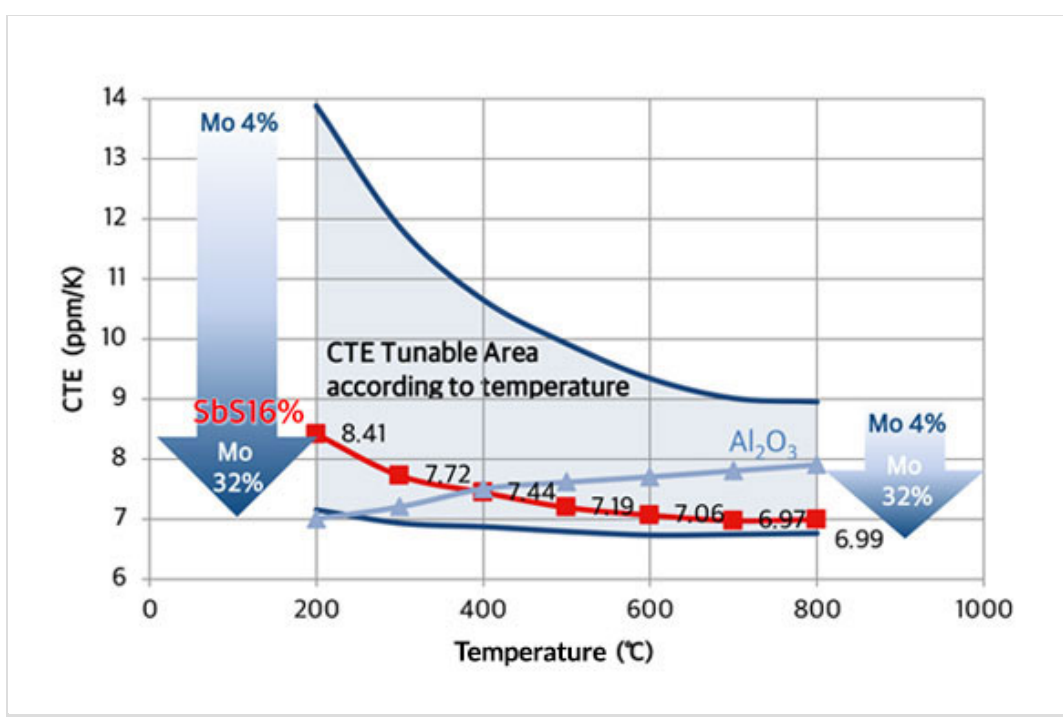
## Product Properties

The values in the tables and graphs guide the material properties in a wide range to explain TGS products. COC (Certificate of Conformance) will be issued after confirming the detailed specification.

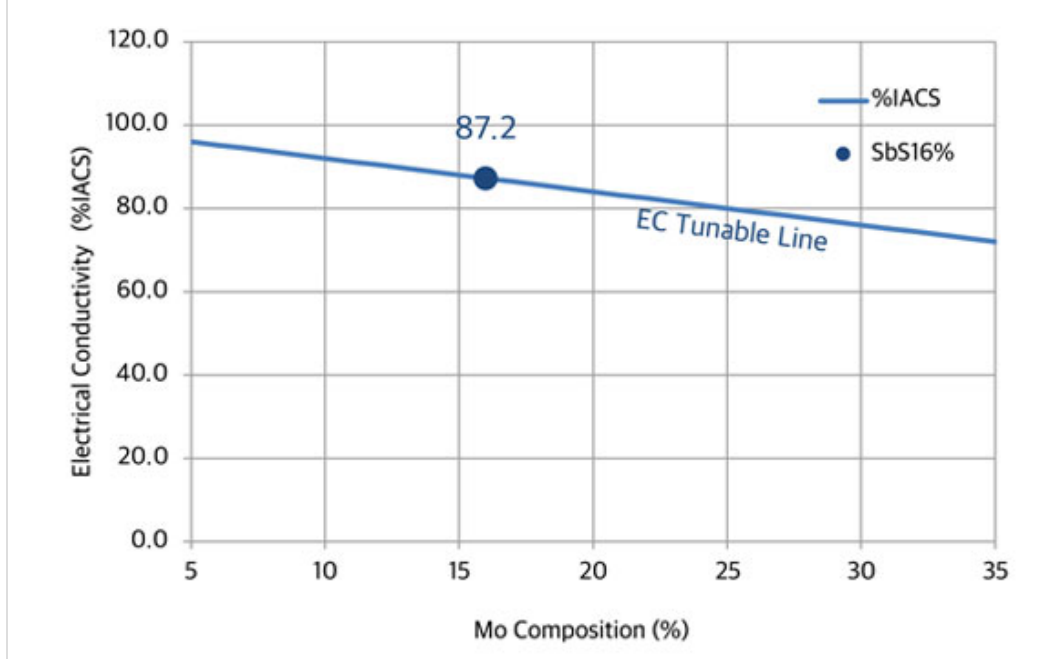
### ◆ Thermal Conductivity (TC)



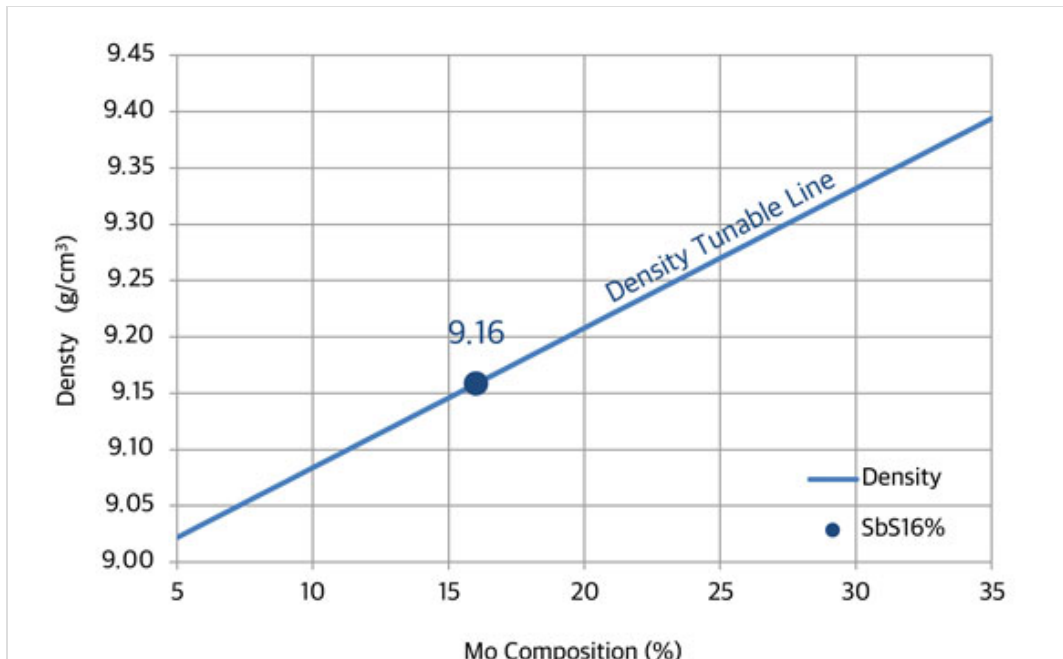
### ◆ Coefficient of Thermal Expansion (CTE)



### ◆ Electrical Conductivity (EC)



### ◆ Density



### ◆ Tensile Strength (TS)

