

# SbS32% 40100

Heat spreader for electrical vehicle

## Dimension

- Width : 90~110mm
- Length : 30~50mm
- Thickness : 3.0mm

## Features

- High Thermal Conductivity
- Low CTE



Product Inquiry

List

## Specification

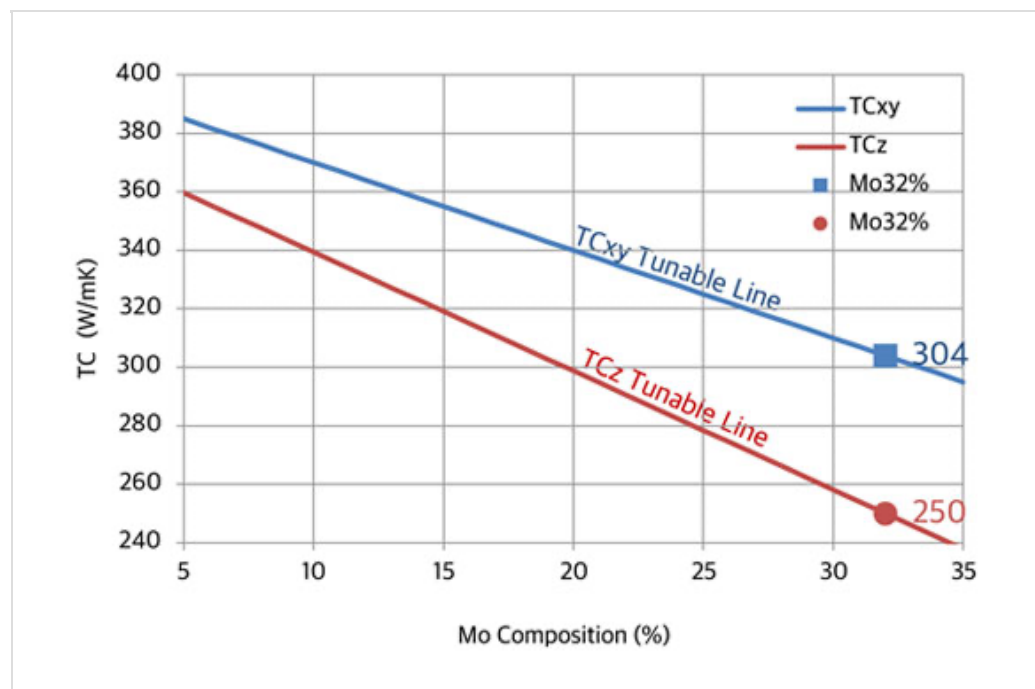
Properties	Values
TC xy (W/mK)	304
TC z (W/mK)	250
CTE (ppm/K) @ 800°C	6.76
Electrical Conductivity (%IACS)	74.4
Density (g/cm <sup>3</sup> )	9.36
Tensile Strength (Mpa)	384

※ TCxy represents the thermal conductivity (TC) in the plane direction of the heat spreader, that is, the x-axis and y-axis directions, and TCz represents the thermal conductivity in the thickness direction of the heat spreader.

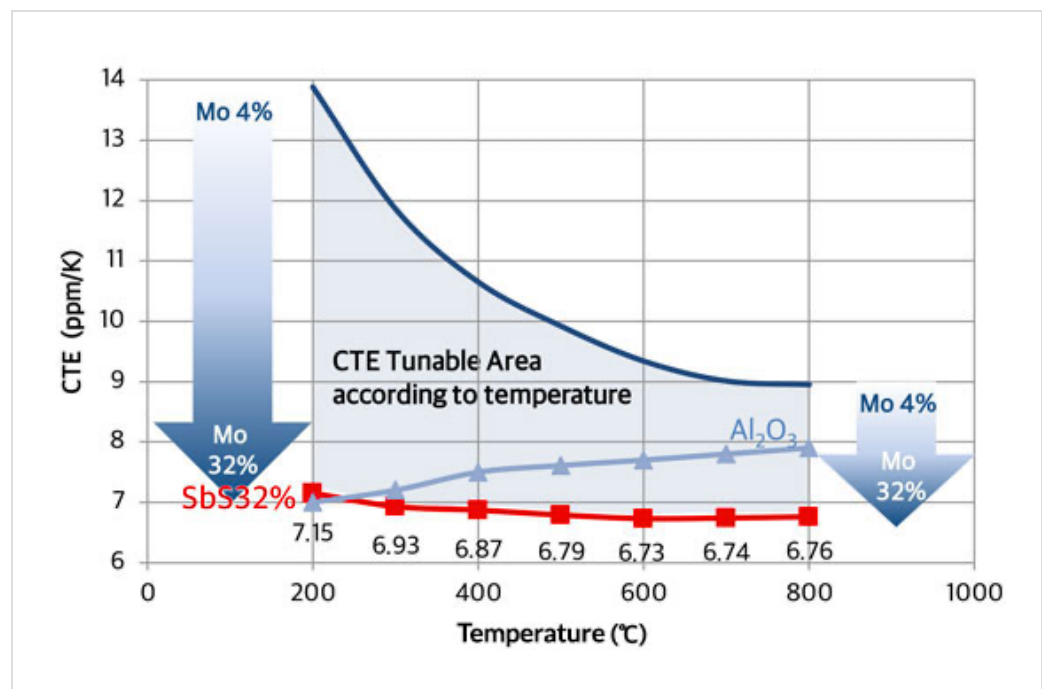
## Product Properties

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.

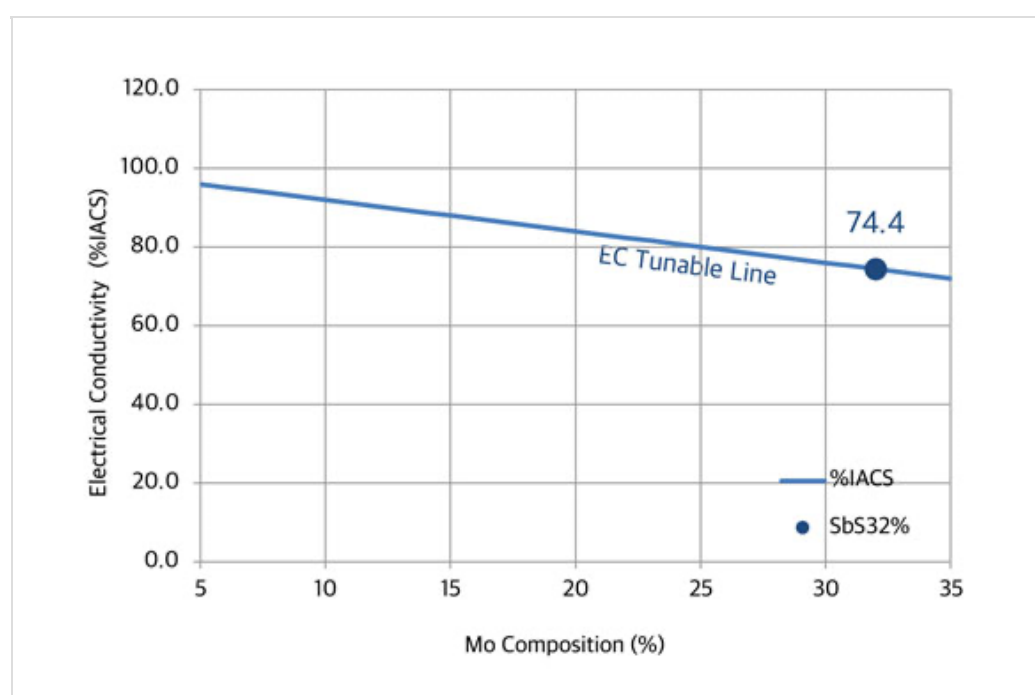
### ◆ Thermal Conductivity (TC)



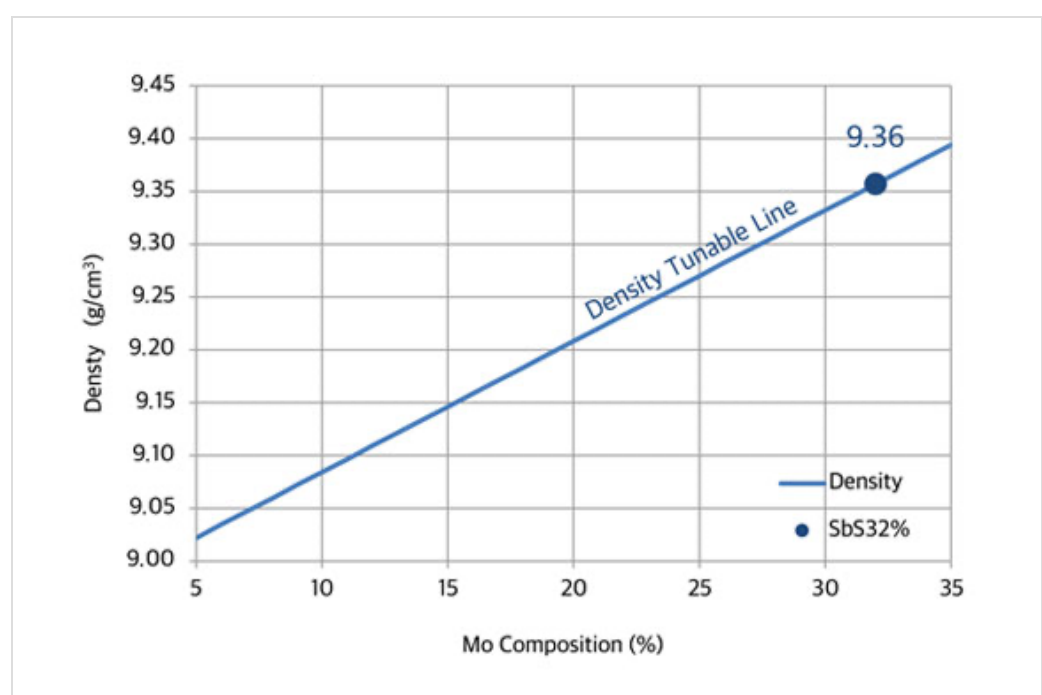
### ◆ Coefficient of Thermal Expansion (CTE)



### ◆ Electrical Conductivity (EC)



### ◆ Density



### ◆ Tensile Strength (TS)

