

SbS16% 3080

Heat spreader for electrical vehicle

Dimension

- Width : 75~85mm
- Length : 25~35mm
- Thickness : 3.0mm

Features

- High Thermal Conductivity
- Low CTE



Product Inquiry

List

Specification

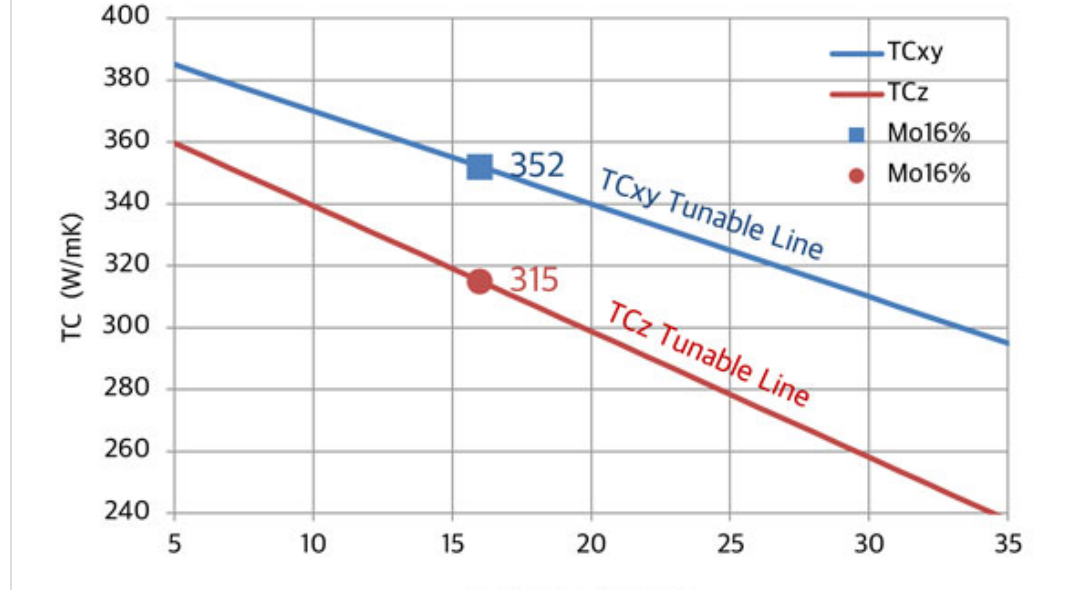
Properties	Values
TC _{xy} (W/mK)	352
TC _z (W/mK)	315
CTE (ppm/K) @ 800°C	6.99
Electrical Conductivity (%IACS)	87.2
Density (g/cm ³)	9.16
Tensile Strength (Mpa)	294

※ TC_{xy} represents the thermal conductivity (TC) in the plane direction of the heat spreader, that is, the x-axis and y-axis directions, and TC_z represents the thermal conductivity in the thickness direction of the heat spreader.

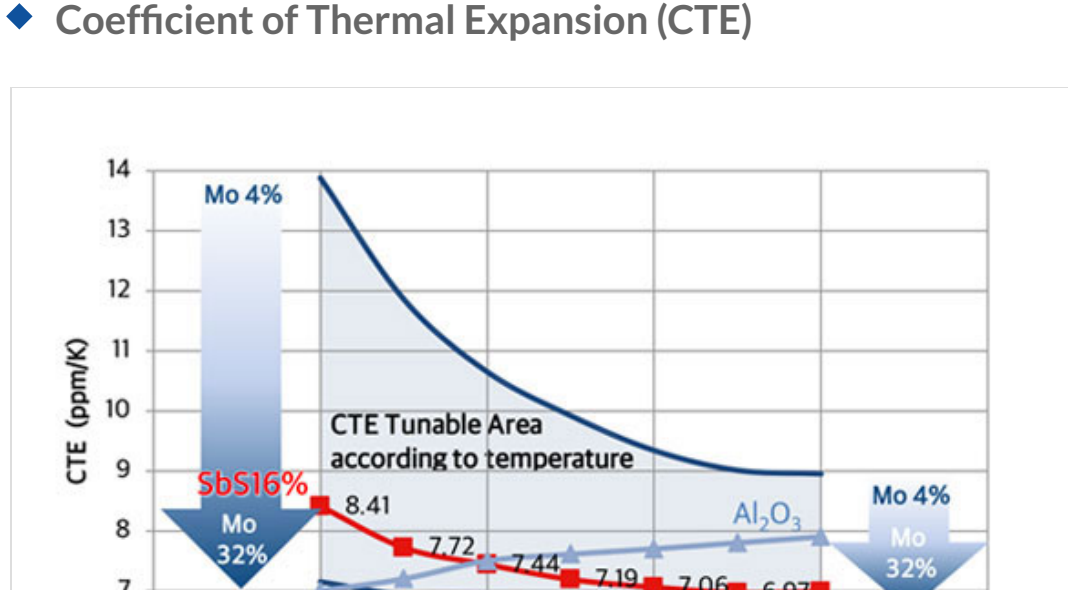
Product Properties

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.

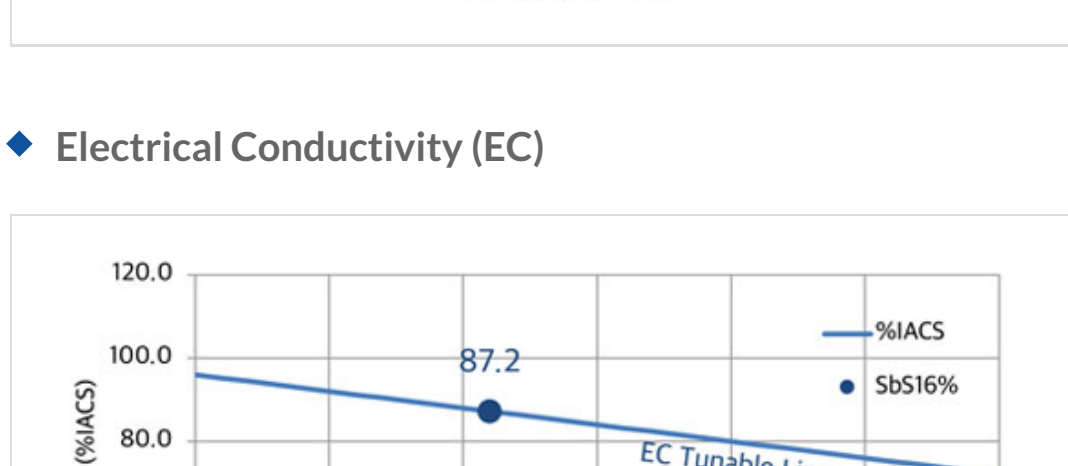
◆ Thermal Conductivity (TC)



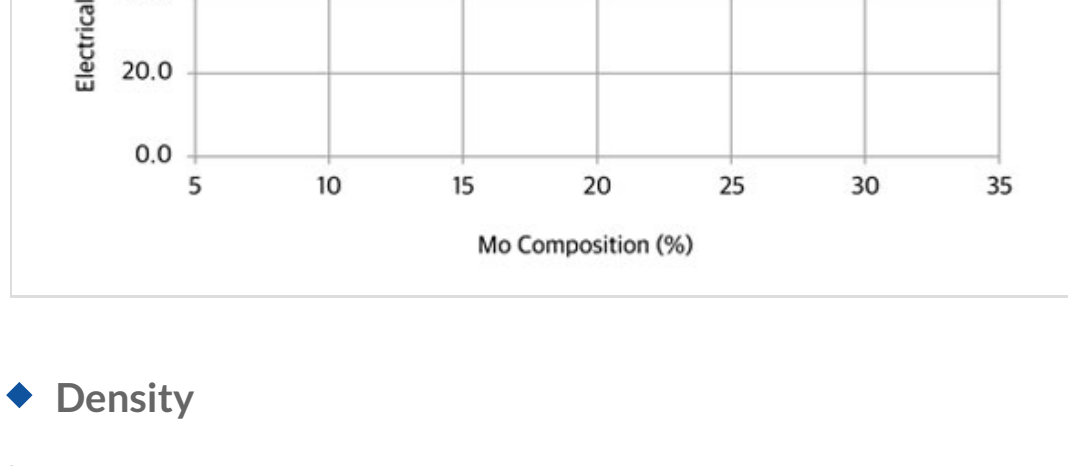
◆ Coefficient of Thermal Expansion (CTE)



◆ Electrical Conductivity (EC)



◆ Density



◆ Tensile Strength (TS)

