

AISI 304L Stainless Steel Disk

Formula: Fe/Cr18/Ni10

Temper: Annealed

Thickness: 0.9mm

Diameter: 6.35mm

Surface Finish: Mirror polished on one side

UOM Code: 100-222-34

SKU: 1000014169-group

Product Code: FA14-FL-000101

Material Properties for Alloys

Mechanical Properties

| Element | Value |
|--------------------------|-------|
| Elongation at break(%) | 58 |
| Tensile strength(MPa) | 565 |

Electrical Properties

| Element | Value |
|---|-------|
| Electrical resistivity(μOhmcm) | 72 |
| Temperature coefficient(K^{-1}) | - |

Thermal Properties

| Element | Value |
|--|-----------|
| Thermal conductivity($\text{W m}^{-1} \text{K}^{-1}$) | 16.2@23°C |
| Coefficient of thermal expansion($\times 10^{-6} \text{K}^{-1}$) | 17.3@23°C |