

Specification Sheet

Reticulated Vitreous Carbon Foam

Stock No: NS6130-10-1298, CAS: 7440-44-0

Product	:	Reticulated Vitreous Carbon Foam
Stock No	:	NS6130-10-1298
CAS	:	7440-44-0
Purity	:	99.9%
Thickness	:	5mm
Pore size	:	0.040"
Shear strength	:	4.4x10 ³ psi
Specific heat	:	0.3 BTU/lb °F
Compressive Strength	:	15-75 psi
Tensile Strength	:	25-50 psi
Hardness	:	6-7 Mohs
Shear Modulus	:	4.4 × 10 ³ psi
Coefficient of Thermal Expansion	:	1.2 × 10 ⁻⁶ in/in°F (0-100°C)
Bulk Thermal Conductivity	:	0.021-0.29 BTU/ft •hr•°F
Temperature In air	:	600°F
Limitations Inert environment	:	6330°F
Bulk Resistivity	:	12.7 × 10 ⁻² ohm • in
Main Inspect Verifier	:	Manager QC

Note: Product Specification are subject to amendment and may change over time

Characterization of Reticulated Vitreous Carbon Foam



Reticulated Vitreous Carbon Foam

