



DATASHEET: Electrofused Silica ES99P	
Physical and Chemical Properties	Values
Composition SiO ₂ (%)	≥99
Max Operation Temperature (°C)	1680
Volume Density (g/cm ³)	≥1.83
Apparent Porosity (%)	≤17
Room Temperature Compression Strength (MPa)	≥60
Room Temperature Flexural Strength (MPa)	≥25
Thermal Conductivity(W/m•K)(RT-1000°C)	0.8
Thermal Expansion coefficient(°C ⁻¹)(RT-1000°C)	0.6
Crystallinity(Vol%)	≤1

Typical Trace Elements in ppm								
Al	Fe	Ti	K	Na	Mg	Ca	P	Ba
500	35	25	15	20	30	40	5	10

Additional material properties are available - please ask at sales@earthwaterfire.com

Note: The above chemical component values are the typical data, but not the technical properties of products.

For Further Information contact us at: sales@earthwaterfire.com