

innovative industry solutions



Fused Silica Materials Data Sheet

Property	Units	Labware	Fire Assay
Description			
Nominal Composition		SiO ₂ [87.33%]	SiO ₂ [50.34%]
Microstructure			
Density	[g/cm ³]	1.8	> 2.5
Water Absorption	[%]	18	-
Porosity	[vol%]	23.02	2 - 2.5
Colour			
		Cream	Beige
Thermal Properties			
Max Working Temperature	[°C]	1400	-
Thermal Expansion Coefficient	[x 10 ⁻⁶ /K]	0.5	0.5

Note: The above data represent typical values of Rojan Fused Silica.