

innovative industry solutions



## Fused Silica Materials Data Sheet

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

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