

## **Fumed silica board**

Art. ID	NIST-1459
Unit	each
Deliverydetails	No Dangerous Good /not restricted

### Description

Standard Reference Material (SRM®) 1459 is intended for use in checking the performance of a guarded hot plate or in calibration a heat flow meter used in measuring the thermal resistance of insulating materials. 30 cm x 30 cm x 2.45 cm Certified values for thermal resistance as a function of density and pressure /// Sample value(s) - please ask for current certificate.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
Pressure: 97 kPa, Density: 300.0 kg*m-3	Thermal Resistance (R0)		1,253	m2*K*W-1		
Pressure: 98 kPa, Density: 300.0 kg*m-3	Thermal Resistance (R0)		1,249	m2*K*W-1		
Pressure: 99 kPa, Density: 300.0 kg*m-3	Thermal Resistance (R0)		1,245	m2*K*W-1		
Pressure: 100 kPa, Density: 300.0 kg*m-3	Thermal Resistance (R0)		1,24	m2*K*W-1		
Pressure: 101 kPa, Density: 300.0 kg*m-3	Thermal Resistance (R0)		1,236	m2*K*W-1		
Pressure: 102 kPa, Density: 300.0 kg*m-3	Thermal Resistance (R0)		1,323	m2*K*W-1		
Pressure: 97 kPa, Density: 310.0 kg*m-3	Thermal Resistance (R0)		1,24	m2*K*W-1		
Pressure: 98 kPa, Density: 310.0 kg*m-3	Thermal Resistance (R0)		1,236	m2*K*W-1		
Pressure: 99 kPa, Density: 310.0 kg*m-3	Thermal Resistance (R0)		1,232	m2*K*W-1		
Pressure: 100 kPa, Density: 310.0 kg*m-3	Thermal Resistance (R0)		1,227	m2*K*W-1		
Pressure: 101 kPa, Density: 310.0 kg*m-3	Thermal Resistance (R0)		1,223	m2*K*W-1		
Pressure: 102 kPa, Density: 310.0 kg*m-3	Thermal Resistance (R0)		1,219	m2*K*W-1		
Pressure: 97 kPa, Density: 320.0 kg*m-3	Thermal Resistance (R0)		1,227	m2*K*W-1		
Pressure: 98 kPa, Density: 320.0 kg*m-3	Thermal Resistance (R0)		1,223	m2*K*W-1		

ty: 320.0 kg*m-3				
Pressure: 99 kPa, Densi	Thermal Resistance (R0)	1,219		m2*K*W-1
ty: 320.0 kg*m-3				
Pressure: 100 kPa, Dens	Thermal Resistance (R0)	1,215		m2*K*W-1
ity: 320.0 kg*m-3				
Pressure: 101 kPa, Dens	Thermal Resistance (R0)	1,211		m2*K*W-1
ity: 320.0 kg*m-3				
Pressure: 102 kPa, Dens	Thermal Resistance (R0)	1,207		m2*K*W-1
ity: 320.0 kg*m-3				
Pressure: 97 kPa, Densi	Thermal Resistance (R0)	1,215		m2*K*W-1
ty: 330.0 kg*m-3				
Pressure: 98 kPa, Densi	Thermal Resistance (R0)	1,211		m2*K*W-1
ty: 330.0 kg*m-3				
Pressure: 99 kPa, Densi	Thermal Resistance (R0)	1,207		m2*K*W-1
ty: 330.0 kg*m-3				
Pressure: 100 kPa, Dens	Thermal Resistance (R0)	1,203		m2*K*W-1
ity: 330.0 kg*m-3				
Pressure: 101 kPa, Dens	Thermal Resistance (R0)	1,199		m2*K*W-1
ity: 330.0 kg*m-3				
Pressure: 102 kPa, Dens	Thermal Resistance (R0)	1,195		m2*K*W-1
ity: 330.0 kg*m-3				