

1400 Bulk

ISOWOOL Ceramic Fiber 1400 Bulk is made of high purity Alumino-Silicate and Zirconia.

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| Characteristic | <ul style="list-style-type: none"> • Loose • Contain Zirconia • Non-combustible • Can withstand temperature up to 2600° F • Lubricated • Resilience • Light weight • Low thermal conductivity • Asbestos free |
| Application | <ul style="list-style-type: none"> • Expansion joint seal • Process of secondary product e.g. Isowool 1400 blanket, felt, Vacuum formed board or shapes. |

Classification temperature **1400°C (2600° F)**

Melting point 1700 °C (3100°F)

Fiber diameter 2.8 micro meter

Fiber length ~250 mm

Specific gravity 2.6 g/cc

		Specification	Average
Shot content %		≤ 25	18
>212micro meter			
Thermal conductivity	ASTM C201		
Kcal/mh ^o C (W/mK)			
190kg/m ³	mean 400°C	≤ 0.12 (0.14)	0.07 (0.08)
(pack density)	mean 600°C	≤ 0.16 (0.19)	0.10 (0.12)
	mean 800°C	≤ 0.22 (0.24)	0.14 (0.16)
	mean 1000°C	≤ 0.33 (0.34)	0.20 (0.23)
Chemical composition %	Al ₂ O ₃	≥ 32.0	35.0
	ZrO ₂	≥ 13.0	15.0
	SiO ₂	≤ 55.0	49.7
Compressible density	kg/m ³	60 to 200	
Packing	270 x 600 x 780 mm	15 kg	
	310 x 310 x 600 mm	5 kg	

09.97

Data are average results of standard tests which are subject to variation and should not be used as specification.



ISOLITE INSULATING PRODUCTS CO.,LTD.