



## LUYANG Ceramic Fiber Board (Zircon Grade)

### Physical Properties:

Classification Temperature (°C)	1430
Color	White
Bulk Density (Kg/m <sup>3</sup> )	280 - 300
Compressing strength (MPa)	≥ 0.2
Linear shrinkage after reheating at 1350 (%)	≤ -3

### Thermal Conductivity (W/m.K):

@ 200 °C	0.070 - 0.090
@ 400 °C	0.110 - 0.125
@ 600 °C	0.155 - 0.175

### Chemical Analysis (%):

Al <sub>2</sub> O <sub>3</sub>	ZrO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	Al <sub>2</sub> O <sub>3</sub> + SiO <sub>2</sub> + ZrO <sub>2</sub>	Na <sub>2</sub> O+K <sub>2</sub> O+LiO <sub>2</sub>
38 - 40	14 - 16	≤ 0.2	≥ 99	≤ 0.2

### Size (mm):

900×600×25
900×600×50

- The data are subject to reasonable variations and therefore should not be used for specification purposes.
- ASTM Test Methods, where applicable, used for determination of data.

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