



Kingwell Fibre

Kingwell Fibre Materials Co.,Ltd

23.1, **Basalt Fiber Fabric**



Material: Basalt

Refractoriness: 800 Degree C

www.kingwellfibre.com



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Diameter: 7-13um

Surface Treatment: Glazed Tiles

Usage: Woven Cloth

Color: Gold, Brown

Basalt twill fabric is woven of basalt yarn in twill and satin weaving way.

Area weight: 100g/m²~ 800g/m²

Temp. tolerance: 800°C

Width: 1m~2m

Properties	Basalt fiber	E glass fiber	S glass fiber	Carbon fiber	Aramid fiber
Density (g/m ²)	2.65	2.54-2.57	2.54	1.78	1.45
Tensile strength (Mpa)	4100- 4840	3100-380 0	4020-465 0	3500-600 0	2900-340 0
Elastic modulus (Gpa)	93.1-1 10	72.5-75.5	83-86	230-600	70-140
Elongation at break (%)	3.1	4.7	5.3	1.5-2.0	2.8-3.6
Application temperature (°C)	650	380	300	500	250