

Green Glass Paper



TYPE

Refractory Glass Fibre Paper

MAXIMUM CONTINUOUS USE TEMPERATURE

500°C

The maximum continuous use temperature depends on the application. In case of doubt, refer to your local Morgan Thermal Ceramics distributor for advice.

Description

Green Glass Paper is manufactured from a blend of acid resistant Borosilicate 'E' glass fibre and high temperature mineral wool. It has excellent thermal insulation characteristics and exceptional handling properties.

Features

- Good resistance to tearing
- Zero shot content
- Precise thickness
- Resistant to thermal shock
- Very low thermal conductivity
- The organic binder burns out cleanly on the first firing, at approximately 300°C

Green Glass Paper

Main properties	
Classification Temperature (°C)	600
Colour	green
Density (kg/m ³)	150
Melting point (°C)	720
Tensile strength (kN/M ²)	>6.5
Fibre diameter (Microns)	4 & 6.5
Organic Binder content (%)	16
Binder type	P.V.A.
Linear shrinkage at 500°C (%)	<4

TYPICAL CHEMICAL ANALYSIS (%)	
SiO ₂	49.7
Al ₂ O ₃	14.6
CaO	16.6
Na ₂ O	1.5
MgO	8.7
Fe ₂ O ₃	3.7
F ₂	0.1
TiO ₂	0.8

Availability and Packaging

Thicknesses available: 1.8-3.5mm measured at 2kPa, in either rolls or sheets.

The values given herein are typical values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Therefore, the data contained herein should not be used for specification purposes. Check with your Thermal Ceramics office to obtain current information.

www.morganthermalceramics.com

Europe: +44 (0) 151 334 4030 / marketing.tc@morganplc.com

North America: +1 (0) 706 796 4200 / northamerica.tc@morganplc.com

South America: +54 (11) 4373 4439 / marketing.tc@morganplc.com

Asia: +65 (0) 6595 0000 / asia.mc@morganplc.com