CCEWOOL Thermomax Inc.
salesusa@ccewool.com
www.ccewool.com

CCEWOOL® Intumescent Ceramic Fiber Paper

Temperature Grade 1260℃（2300℉）

CCEWOOL® Intumescent Ceramic Fiber Paper is produced from a mixture of high purity refractory ceramic fiber, natural graphite fine flakes, and organic binders through a fiber washing process. At about 1200 ℉ (649 ℃), CCEWOOL® Intumescent Ceramic Fiber Paper expands up to maximum of 400% of its thickness. This feature serves as excellent material for gasket and sealing applications.

Characteristics:

Low thermal capacity;

Low thermal conductivity;

Excellent electrical insulation properties;

Excellent machining performance;

High strength, tear resistance;

High flexibility;

Low shot content.

Application:

High temperature gasket and seals;

Expansion joints insulation material;

Fire proof;

Seals for industrial furnaces.

CCEWOOL Thermomax Inc.
salesusa@ccewool.com
www.ccewool.com

TDS

CCEWOOL® Intumescent Ceramic Fiber Paper	
Color	Gray
Maximum temperature rating ℃	1260(2300℉)
Continuous use limit ℃	1050(1922℉)
Melting point ℃	1700(3092℉)
Chemical Content	
Silica,SiO_2	45-48
Alumina Oxide,Al_2O_3	42
Carbon, C	10-15
Other	2
Organic Binder	5-10
Tensile Strength	
16-18 pcf. density	0.5-0.7 Mpa
Expansion,%increase	
®400℉	90(from 3mm thickness)
®1800℉	420(from 3mm thickness)
®1800℉	320(from 3mm thickness)
Specification	
Sizes Available	610/1220mm (24”/48”)
Thickness	2-5mm (1/12”-0.2”)