



Blown Ceramic Fiber Blanket

Typical Physical Properties	LT	RT	HP	HT
Max Use Limit °C(°F)	1000(1833)	1260(2300)	1315(2400)	1482(2700)
Continuous Use Limit °C(°F)	900(1652)	1160(2120)	1200(2102)	1380(2516)
Melting Point °C(°F)	1760(3200)	1760(3200)	1760(3200)	1760(3200)
Average Fiber Diameter Microns	2.5	2.5	2.5	2.5
Average Fiber length mm(in)	178(7)	178(7)	178(7)	178(7)
Linear Shrinkage (%)				
24 Hrs @ 1000 °C (1832 °F)	2.0	-	-	-
24 Hrs @ 1100°C(2012°F)	-	2.0	1.8	-
24 Hrs @ 1300°C(2372°F)	-	-	-	2.0

Chemical Analysis (%)				
AL2O3	42-46	45-48	44-50	52-54
SiO2	50-60	49-55	50-56	42-46
Fe2O3	0.7-1.5	0.8-1.2	0.1-0.2	0.1-0.2
TiO2	1.5-1.9	1.5-1.9	0.1-0.2	0.1-0.2

Blanket Dimensions

Standard

1/4"x24"x600"
1/2"x24"x600"
1"x24"x300"
1-1/2"x24"x150"
2"x24"x150"
Also available in 48" vwidth

European

6x610x14640 mm
12.5x610x14640 mm
19x610x9640 mm
25x610x7320 mm
38x610x4820 mm
50x610x3660 mm
Also available in 1220 mm vwidth
Also available in 1220 mm vwidth

Ceramik Fiber Wet Blanket

FibFibratec Wet Pack Standard Fibratec Blanket vvhich has been presaturated with a especially formulated rigidizing solution vvhich causes it to harden when exposed to ambient air or heat.The hardened surface provides increased resistance to process atmospheres and furnace gas velocity.

Typical Physical Properties	
Color	Off White
Grade Classification Temp°C(°F)	1260(2300)
Max. Cont. Use °C(°F)	1260(2300)
Normal Layer Thickness,mm(in)	12.7-25.4 (1/2 andl)
Islak Yogunlugu kg/m3 (lb/ft3)	560-640(35-40)
Kuru Yo unlu u kg/m3 (lb/ft3)	240-320(15-20)

Chemical Analysis	
AL2O3	38%
S O2	60%
Others	2%

Packaging

Plastik po etlerde rulo olarak



Acoustic Blanket (spun)

NUTEC Fibratec* acoustical grade is a high strength needed insulating blanket engineered to provide superior acoustic properties. Acoustical blanket is a binder free product, manufactured to imrove properties that enhance and control the sound attenuation characteristics. NUTEC Fibratec* acoustical blanket is made from long interlocking fibers that gives excellent handling strength and vibration resistance.

Technical Specifications

- Color: White
- Classification Temperature:
 - 1315°C
 - Tensile Strength: >30 kPa
 - Airflow Resistivity: 153-303 mks /rayls/m
 - Thermal Shrinkage: 24Hrs @ 1100°C: 1.8%

Chemical Analysis %:

AL2O3:44-50 S O2:50-56
Fe2O3:0.1-0.2 TiO2:0.1-0.2

General Characteristics:

- Excellenet acoustic properties (sound absorption and attenuation).
 - High tensile strength.
 - Vibration resistance.
 - Low chemical reactivity.
- Uygulama Alanlari**
- Gas türbine exhaust duct linings.
 - Thermal and acoustic insulation.

