

Ceramic Fiber Ht Veneer



Properties

HT Veneer is prefabricated veneer module, made from high purity polycrystalline fibers, designed for improvement of the thermal insulation of existing industrial furnaces by cementing them on the hot face of other refractories. HT Veneer is totally binder free. Noted for high temperature resistant up to 1600°C, the veneer provides superior insulating performance at elevated temperature and chemical stability resisting attack from most corrosive agents.

Physical Properties

		HT-72
Color		White
Density		100 kg/m ³
Max. Temp. Rating (°C)		1600
Melting Point (°C)		>2000
Liner Shrinkage (24hr%)		3 (1500°C'de)
Specific heat at 1000°C		1.24 KJ/kg.K
Thermal conductivity (W/m.K)	800°C	0.17
	1000°C	0.24
	1200°C	0.31

Physical Properties

Al ₂ O ₃	72
SiO ₂	27.6
Fe ₂ O ₃	0.07

Typical Applications

- Reheating furnaces
- Heat treatment furnaces
- Tunnel kilns

Advantages

- Super chemical stability
- Low thermal conductivity
- Resistance to thermal shock
- Long life at high temperature
- Improves furnace efficiency without replacing a serviceable refractory lining

Availability

- 200 x 100 x (30-80 mm)
- HT-80, HT-95 Fibers are available on request subject to minimum order requirements.

*Bu bilgiler, de i ebilen tipik özellikleri temsil etmektedir ve spesifikasyon amacıyla kullanılmamalıdır.
This data represents typical properties subject to variations and should not to be used for specification purposes.*