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Technical Data Sheet

1260°C Ceramic Fiber Blanket

Products	:	1260°C Ceramic Fiber Blanket
Type	:	LYTX-1260T
Classification Temperature	:	1260°C
Continuous Use Temperature	:	1050°C
Color	:	White
Density	:	128kg/m ³
Thermal Conductivity (W/m. K)	:	0.045-0.060 (200°C) 0.085-0.110(400°C) 0.132-0.140(600°C)
Shot Content(D > 0.25mm)	:	≤15%
Tensile Strength (Mpa)	:	≥ 0.035 (25≥Thickness≥12.5mm) ≥ 0.07 (Thickness≥25mm)
Thermal Shrinkage	:	1100CX24h≤-3%
Chemical Composition (%)	:	Al ₂ O ₃ ≥45 Al ₂ O ₃ + SiO ₂ ≥97 Fe ₂ O ₃ ≤1.0 Na ₂ O + K ₂ O ≤0.5

Density of Needling(In the length dirction) : Less than 30mm

Characteristics:

- Excellent thermal stability and thermal shock resistance
- Excellent chemical stability
- Excellent tensile strength
- Low thermal conductivity

