

Ceramic Fibre Blanket

Technical Characteristics:

- * Excellent thermal stability and thermal shock resistance
- * Excellent chemical stability
- * Excellent tensile strength
- * Low thermal conductivity
- * Good sound absorption
- * Low heat storage



Classification Temp °C		1260		1400
Product Name		STD	HP	HZ
Product Code		HY-212	HY-312	HY-512
Chemical Composition (%)	Al ₂ O ₃	≥45	≥45	38 - 40
	SiO ₂	51 - 52	53 - 54	44 - 45
	ZrO ₂	-	-	15 - 17
Density (kg/m ³)		96, 128		
Tensile Strength Mpa (25mm thick)		≥0.04		
Shrinkage on Heating (%)		1000°C x 24h ≤-3	1100°C x 24h ≤-3	1350°C x 24h ≤-3
Thermal Conductivity W/M.K	200C	0.045 - 0.060		0.052 - 0.070
	400C	0.085 - 0.110		0.095 - 0.120
	600C	0.152 - 0.200		0.164 - 0.210
Standard Size of Products		13mm x 610mm x 15.24m, 25mm x 610mm x 7.62m 38mm x 610mm x 5.0m, 50mm x 610mm x 3.81m		
Packaging		Carton, Woven Bag		
Quality And Environment Control System		ISO 9001 - 2000, ISO 14001 - 1996		

Application Range:

- * Used for wall linings and backup linings of industrial furnaces and for sealing and insulating of expansion gaps of furnace walls, furnace doors, furnace roofs, kilns etc. Ideal for pottery kilns and pizza ovens.
- * Insulating material for tubes, ducts, chimneys and domestic appliances.
- * Excellent material for fire protection, fire walls and thermo-acoustic insulation.