



HITEX INSULATION (NINGBO) CO.,LTD
宁波汉特保温材料有限公司

MATERIAL TEST CERTIFICATE

Ceramic Fiber Blanket

Grade	HP	HA	HZ	SW
Type	High Purity	High Alumina	High Zirconia	Super Wool
Classification Temp (C)	1260	1400	1430	1200
Service Temp (C)	1100	1200	1350	1100
Color	White	White	White	White
Fiber Dimension (um)	3-5	2-3	3-5	3-5
Density (kg/m ³) ASTM C167	64-96-128-160	64-96-128-160	96-128-160	96-128-160
Tensile Strength (kPa)	>50	35-45	>50	>50
Linear Shrinkage (%) ASTM C356	<3	<3	<3.5	<4
Thermal Conductivity (W/m.k) ASTM C201	0.2-0.3	0.2-0.3	0.2-0.3	0.2-0.3
Non Fibrous Content (%)	<8	<8	<8	<30
Chemical Analysis (%)				
Al ₂ O ₃	40-45	50-55	30-35	1
SiO ₂	50-55	45-50	45-50	61-67
ZrO ₂	-	-	13-17	-
CaO	-	-	-	27-33
MgO	-	-	-	2.5-6.5
Fe ₂ O ₃	<0.2	<0.2	<0.2	<0.5
K ₂ O + Na ₂ O	<0.2	<0.2	<0.2	<0.5