

● PRODUCT INTRODUCTION

IW-CR Ceramic fiber blanket is high strength, needled insulating blanket that is made from Ceramic fiber bulk. The combination of long spun fibers and needling operation produce tough, resilient and strong blankets, which resist tearing both before and after heating. IW-CR is completely inorganic and available in a variety of temperature grades, densities, and sizes. Ceramic fiber blanket can be folded, compressed and encapsulated to produce module.

● PRODUCT PERFORMANCE

- *Thermal shock resistance
- *Excellent thermal stability
- *High tensile strength
- *Low thermal conductivity

- *Excellent heat insulation
- *Excellent Shock and chemical attack resistant
- *Chemical stability
- *Low heat storage



● PRODUCT SPECIFICATION

	IW-CR 64	IW-CR 76	IW-CR 96	IW-CR 128
THK (MM)	50-60	40-50-60	30-40-50-60	25-30-40-50-60
W (MM)	610	610	610	610
L (MM)	4000-7000	4000-7000	4000-7000	4000-7000
FACING	Aluminum foil, kraft-paper, black tissue, or customized finish			
REMARK	other specification , pls contact our sales			

● TECHNICAL DATA

Description	Standard
Classification Temperature (°C)	1260
Chemical Composition (%)	
Al ₂ O ₃	≥43
SiO ₂	≥54
ZrO ₂	-
Color	White
Shot Content (%)	≤15
Average fiber diameter	≤5
Tensile Strength(Kpa)	30
Permanent Linear Shrinkage(%)	1000°Cx24h≤2.5
Thermal Conductivity(W/m.K)	
200°C	0.07
400°C	0.12
600°C	0.20
800°C	0.30
1000°C	0.40