

唐山奥沃贸易有限公司

OREWORLD TRADE(TANGSHAN) CO. LTD
 JINRONG B/D. NO. 116 XINHUA WEST ROAD, 063000, TANGSHAN, HEBEI, CHINA.
 TEL:0086-315-232-5393 FAX: 0086-315-232-0202

1. Oreworld Ceramic fiber blanket

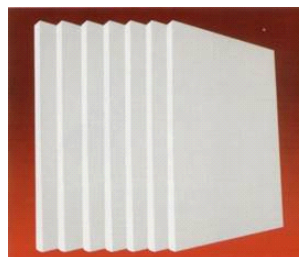


MARK	BK100	BK105	BK110	BK120	BK135	
Specification Temp. (°C)	1100	1260	1260	1360	1430	
Working Temp. (°C)	<1000	1050	1100	1200	1350	
Color	white	white	white	white	white	
Density g/m ³ (k)	96	96	96	128	128	
	128	128	128	160	160	
Rate of linear change (%)	-4	-3	-3	-3	-3	
(24h,Density 128kg/m ³)	(1000°C)	(1000°C)	(1100°C)	(1250°C)	(1350°C)	
Rate of thermal conductivity(w/m.k) (Density 128kg/m ³)	0.09	0.09	0.09 (400°C)	0.12 (600°C)	0.16 (800°C)	
	0.16	0.16	0.16 (800°C)	0.20 (1000°C)	0.20 (1000°C)	
	0.16	0.16	0.20 (1000°C)			
	0.20	0.20	0.20 (1000°C)			
Tensile strength (Mpa) (Density 128kg/m ³)	0.04	0.04	0.04	0.04	0.04	
Chemical composition (%)	Al ₂ O ₃	44	46	47-49	52-55	39-40
	Al ₂ O ₃ +SiO ₂	96	97	99	99	-
	Al ₂ O ₃ +SiO ₂ +ZrO ₂	-	-	-	-	99
	ZrO ₂	-	-	-	-	15-17
	Fe ₂ O ₃	<1.2	<1.0	0.2	0.2	0.2
	Na ₂ O+K ₂ O	≤0.5	≤0.5	0.2	0.2	0.2
Size (mm)	Specification 7200*610*10-50mm; Other made according to customer's requirement					

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2. Oreworld Ceramic fiber board



MARK	BD100	BD105	BD110	BD120	BD135	
Specification Temp. (°C)	1100	1260	1260	1360	1430	
Working Temp. (°C)	≤1000	1050	1100	1200	1350	
Colour	White	White	White	White	White	
Density (kg/m ³)	260	260	260	260	260	
	320	320	320	320	320	
Rate of linear change (%) (24h,Density 320kg/m ³)	-4	-3	-3	-3	-3	
	(1000°C)	(1000°C)	(1100°C)	(1250°C)	(1350°C)	
Rate of thermal conductivity, (w/m.k) (Density 285kg/m ³)	0.085	0.085	0.085	0.085	0.085	
	(400°C)	(400°C)	(400°C)	(400°C)	(400°C)	
	0.132	0.132	0.132	0.132	0.132	
	(800°C)	(800°C)	(800°C)	(800°C)	(800°C)	
	0.180	0.180	0.180	0.180	0.180	
	(1000°C)	(1000°C)	(1000°C)	(1000°C)	(1000°C)	
Tensile Strength (Mpa)	0.5	0.5	0.5	0.5	0.5	
Chemical composition (%)	Al ₂ O ₃	44	46	47-49	52-55	39-40
	Al ₂ O ₃ +SiO ₂	96	97	99	99	-
	Al ₂ O ₃ +SiO ₂ +ZrO ₂	-	-	-	-	99
	ZrO ₂	-	-	-	-	15-17
	Fe ₂ O ₃	<1.2	<1.0	0.2	0.2	0.2
	Na ₂ O+K ₂ O	≤0.5	≤0.5	0.2	0.2	0.2
Size (mm)	Common specification 600*400*10-5mm ; 900*600*20-50mm other made according to customer's requirements					

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3. Oroworld Ceramic fiber cloth

Reinforced Material	Stainless Steel Wire		Glass Fiber	
1050 Working Temperature °C	1050		650	
Al ₂ O ₃ content, %	45~48%			
Organic Content, %	Less than 20%			
Warp Density per 10cm	28+/-2 strands			
Weft Density per 10cm	56+/-4 strands			
Tensile Strength in warp	200N/5cm			
Tensile Strength in weft	400N/5cm			
Cloth Width	1000-1500mm.			
Glass fiber reinforced(thickness/mm)	1.5mm	2mm	3mm	5mm
Weight (kg/m ²)	0.8	1.0	1.5	2.5
Stainless steel reinforced(thickness)	1.5mm	2mm	3mm	5mm
Weight (kg/m ²)	0.84	1.05	1.5	2.5

Packing	Plastic bags or accord to requirement.
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4. Oroworld Ceramic fiber rope



Type	Ceramic fiber twisted rope	Ceramic fiber round braided rope	Ceramic fiber square braided rope	Ceramic fiber lagging
Reinforced material	Stainless Steel Wire or Glass Fiber			
Working Temperature °C	1050°C or 650°C			
Diameter or side	3-50mm	6-80mm	6-120mm	6-80mm
Packing	Plastic bags or accord to requirement			

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5. Oreworld Ceramic fiber yarn

Reinforced Material	Stainless Steel Wire	Glass Fiber
Working Temperature °C	1050	650
Specification	430tex, 525tex, 630tex, 700tex, 1000tex, 2000tex	
Packing	580*480*380mm cartons, 30kg/carton.	

6. Oreworld Ceramic fiber tape

Reinforced Material	Stainless Steel Wire	Glass Fiber
Working Temperature °C	1050	650
Width	20-900mm	
Thickness	1.5mm, 2mm, 3mm, 5mm, 6mm	
Packing	Plastic bags or accord to requirement.	

7. Oreworld Ceramic fiber Sleeve

Reinforced Material	Stainless Steel Wire	Glass Fiber
Working Temperature °C	1050	650
Diameter	20-500mm	
Thickness	2mm, 3mm,	

8. Oreworld Ceramic fiber Paper

MARK	CP126
Specification Temp. (°C)	1260
Bulk density: kg/m ³	200 ± 15
Organic material (%)	6~8
Main Chemical componets (24h,Density 320kg/m ³)	Al ₂ O ₃ :45~56% SiO ₂ :51~52%
Rate of thermal conductivity, (w/m.k)	0.075~0.085 (200°C) 0.115~0.121 (400°C) 0.165~0.175 (600°C)
Product standard size(mm)	Thickness : 1.0; 2.0; 3.0 Width : 610,1220, Length: 20m, 30m