



## REFRACTORY CERAMIC FIBER PRODUCTS

PRODUCT		Blanket 1260 STD	Blanket 1260 HP	Blanket 1260 SO =soluble	Blanket 1400 HZ	Board 1260 STD	Board 1260 HP	Board 1400 HZ	Paper 1260 STD	Cloth 1260 STD
Classification temperature [ °C ]		1260	1260	1260	1400	1260	1260	1400	1260	1260
Specific weight [ kg/m <sup>3</sup> ]		96 (128)	(96, 160) 128	(96) 128	128 (160)	280	300	300	200	500
Size [ mm ]		6x610x7200								
		13x610x14640	13x610x14640		13x610x14640	25x600x900	25x600x900	25x600x900	1x610x30000	2x1000x30000
		25x610x7320	25x610x7320	25x610x7200	25x610x7320	50x600x900	50x600x900	50x600x900	2x610x30000	3x1000x30000
		50x610x3660	50x610x3660	50x610x3600					3x610x20000	
Thermal conductivity [ W/m <sup>2</sup> K ]	200 °C	0,060	0,066	0,060	0,063	0,083	0,099	0,101		
	400 °C	0,110	0,117	0,100	0,115	0,109	0,120	0,123		
	600 °C	0,165	0,168	0,142	0,171	0,141	0,145	0,144	1,000	
Shrinkage [ % ]		≤3 (1000°C,24t)	≤3 (1100°C,24t)	≤3 (1000°C,24t)	≤4 (1400°C,24t)	≤3 (1100°C,24t)	≤3 (1100°C,24t)	≤3 (1300°C,24t)		
Chemical composition [ % ]	Al <sub>2</sub> O <sub>3</sub>	45-46	47-49	≤ 1	46-47	45-46	47-49	45-46	45-46	45-46
	SiO <sub>2</sub>	51-52	50-52	58-65	34-36	50-52	50-52	36-38	50-52	50-52
	ZrO <sub>2</sub>				15-17			15-17		
	Fe <sub>2</sub> O <sub>3</sub>	≤1	≤ 0,5	≤1	< 0,5	< 1	< 0,5	< 0,5	< 1	< 1
	MgO+CaO			28-39						
	Na <sub>2</sub> O+K <sub>2</sub> O	≤ 0,5	≤ 0,5	≤1	≤ 0,5	≤ 0,5	≤ 0,5	≤ 0,5	≤ 0,5	≤ 0,5
	Orgaanic elements								6-8	< 15