

CERAMIC FIBER MODULES 1260-1600 °C



Ceramic fiber modules UNIHEAT MODULE are produced from ceramic fiber blankets. Maximum density is 240 kg/m³



PRODUCT PROPERTIES		HPS 1260	HTZ 1425	HP 1600
TEMPERATURE GRADE	°C	1260	1425	1600
LONGTERM OPERATING TEMP	°C	1160	1325	1500
DENSITY	kg/m ³	160-240		160-200
THERMAL SHRINKAGE				
• 1100 °C (24 HOUR.)	%	<3	-	-
• 1300 °C (24 HOUR.)	%	-	<3	<3
SPECIFIC HEAT - 1000 °C	kJ.kg ⁻¹ .K ⁻¹	1,13		
PACKAGING		on pallets		
CHEMICAL COMPOSITION				
• AL ₂ O ₃	%	45-46	33-37	72
• SiO ₂	%	51-52	47-51	28
• ZrO ₂	%		13-19	
THERMAL CONDUCTIVITY		160 kg/m ³	220 kg/m ³	
• 530 °C	W.m ⁻¹ K ⁻¹	0,14	0,10	
• 810°C	W.m ⁻¹ K ⁻¹	0,25	0,19	
• 1090 °C	W.m ⁻¹ K ⁻¹	0,35	0,28	

Standard sizes and packaging

THICKNESS	WIDTH	LENGTH	Standard anchor
300 mm	300 mm	300 mm	DPI-1 • WEA-1 • DPA-1
or on request of customer			

