



PROMAFELT®

Refractory Ceramic Fiber Felt

PROMAFELT®		1260	1430	1600	
Classification Temperature	°C	1260	1430	1600	
Nominal Density	Kg / m ³	280	250	180	
Mean fiber diameter	μ	3 - 5	3	3	
Average shot content for 70mesh (212μ)	%	5	5	5	
SPecific Heat	Kcal / Kg°C	1.05	1.05	1.05	
Linear shrinkage, 24 hours	%	1100°C / 3.0	1300°C / 2.5	1600°C / 2.8	
Thermal conductivity at mean temperature of (°C)					
	400°C	W/mK	0,10	0.10	0.09
	600°C		0,14	0.14	0.12
	800°C		0,20	0.20	0.17
	1000°C		0,26	0.26	0.21
Typical chemical composition					
	Al ₂ O ₃	%	43	27	60-65
	SiO ₂		49	49	30
	ZrO ₂		-	15	-

Sizes:

Length (mm)	Width (mm)	thickness (mm)
1000	610 / 500	from 3 to 100 mm

Workability:



The above data are given in good faith and refer to internal standard test procedures based on internationally recognized testing methods; they are subjected to normal fluctuation during the production process. No warranty are herewith given regarding specific applications without our prior written approval. Our data sheets cannot be used for technical specifications purposes without our authorization. All right reserved – Promat is a registered trademark.

