



PROMAFORM[®] KS

Vacuum forming Refractory Ceramic Fiber Customized Shapes

PROMAFORM [®] KS		1260	1260 HD	1430	1600	
Classification temperature	°C	1260	1260	1430	1600	
Nominal density	Kg / m ³	320	550	320	200	
Specific heat	Kcal / Kg°C	1.13	1.13	1.13	1.05	
Linear shrinkage in soaking conditions, 24 hours	%	1100°C / 3.0	1100°C / 3.0	1300°C / 3.2	1500°C / 1.5	
Compressive strength	Mpa	0.25	1.0	0.25	-	
Thermal conductivity at mean temperature of						
	200°C	W / mK	0.07	0.10	0.07	0.07
	400°C		0.08	0.13	0.08	0.08
	600°C		0.11	0.16	0.10	0.10
	800°C		0.15	0.20	0.13	0.13
	1000°C		0.19	0.24	0.18	0.18
L.O.I.	%	6	6	5	4	
Typical chemical composition						
	Al ₂ O ₃	%	43 - 48	43 - 48	30 - 35	62 - 70
	SiO ₂		47 -52	47 -52	43 - 48	30 - 38
	ZrO ₂		-	-	16 - 18	-
	organic		5	3	4	6

Specific sizes and tolerances available on demand

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.

