



# PROMALIGHT® K-Flex

Flexible microporous insulation boards

PROMALIGHT® K-Flex		KF 1100	KF 320	KF 330	
Classification temperature	°C	1100	1000	1000	
Nominal density	Kg /m <sup>3</sup>	320	320	330	
Linear shrinkage at 900°C exposed on 2 sides, 12 hours	%	<2	<2	<2	
Cold compressive strength	N /mm <sup>2</sup>	1.8	1.3	3.3	
Flexural strength	N /mm <sup>2</sup>	0.3	0.16	0.50	
Specific heat	Kj / kgK	1.05	1.05	1.05	
Thermal conductivity at mean temperature of:					
	200°C	W /mK	0.025	0.022	0.020
	400°C		0.029	0.025	0.023
	600°C		0.045	0.035	0.033
	800°C		0.050	0.044	0.038
Chemical composition (microporous)					
	ZrO <sub>2</sub>	%	20,0	20.0	20.0
	SiO <sub>2</sub>		80.0	77.5	77.5
	CaO		-	2.5	2.5

**wrapping:** Polyethylene, Alluminium

**Sizes:**

Length (mm)	Width (mm)	Thickness (mm)
1000, 500	600, 300, 250	5, 7, 10

**Tolerances:**

Thickness	Length / width
± 0.5 mm	± 2 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.

