



# PROMALIGHT<sup>®</sup> Slatted

Microporous Flexible system

PROMALIGHT <sup>®</sup> Slatted		310	320	330	
Classification temperature	°C	1000	1000	1000	
Nominal density	Kg /m <sup>3</sup>	365	300	330	
Linear shrinkage 900°C 2 sides exposed, 12 hours	%	<2	<2	<2	
Cold compressive strength	N /mm <sup>2</sup>	1.8	1.3	3.3	
Flexural strength (strips)	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	0.026	0.022	0.020
	400°C		0.034	0.025	0.023
	600°C		0.044	0.035	0.033
	800°C		0.055	0.044	0.038
Typical composition (core)					
	ZrO <sub>2</sub>	%	20,0	20.0	20.0
	SiO <sub>2</sub>		77.5	77.5	77.5
	CaO		2.5	2.5	2.5

<b>sizes:*</b>	Length (mm)	width (mm)	thicknessi (mm)
	1200 max	1000 max	10, 15, 20, 25, 30, 40, 50 (depending on quality)

<b>Tolerances:</b>	thickness	Length / width
	± 1 mm	± 3 mm

\*: sizes are manufactured in accordance to the diameter rand shape to be lined

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