

SKAMOL SuperPro 225



Grade	SKAMOL SuperPro 225	
Maximum service temperature	°C	1000
Bulk density, dry	kg/m ³	225
Compressive strength (EN 1094-5: 1955)	MPa	2.6
Modulus of rupture (EN 993-6: 1995)	MPa	1.9
Coefficient of reversible thermal expansion (BS 1902: section 5.3: 1990)		
@ 20°C-750°C (68°F-1382°F)	m/(mK)	5.5x10 ⁻⁶
Coefficient of hygric expansion (DTI report)		
@ 23°C 50%RH to 23°C 10%RH	mm/(m%RH)	4.0x10 ⁻³
Coefficient of hygric contraction (DTI report)		
@ 23°C 50%RH to 23°C 100%RH	mm/(m%RH)	0
Sound reduction index	dB	
	Thickness 19 mm	24
	Thickness 38 mm	27
	Thickness 60 mm	29
Thermal conductivity (ASTM C-182)		
mean temp. @ 20°C	W/(m×K)	0.06
@ 200°C		0.08
@ 400°C		0.10
@ 600°C		0.12
Chemical analysis, typical	%	
Silica	SiO ₂	45
Calcium oxide	CaO	45
Loss on ignition 1025°C (1877°F)	LOI	8
Water content		
	%	2.5
Colour		Grey
Non-combustibility test:		IMO Res. A.799 (19)

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Material safety data sheet is available on request.

Data are average results of tests conducted under standard procedures and are subject to variation. Data contained in this data sheet are supplied in good faith as a technical service and are subject to change without notice. Misprint and errors excepted.

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