

TECHNICAL DATASHEET

AR 2006

Insulation pressure profile

- Mill Finished
- Easy onsite installation
- Profile length: 3 m



Product Instructor



Thermal



Fire Barrier
Optional



Water Barrier
Optional



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Aluminium Alloy 6063.T5 Chemical and Physical Properties

	Si	Fe	Cu	Mn	Mg	Zn	Ti	Cr
Standard of 6063T5 (EN 573-3)	0.20 0.60	Max 0.35	Max 0.10	Max 0.10	0.45 0.90	Max 0.10	Max 0.10	Max 0.10
Measured Values	0.458	0.239	0.0161	0.0804	0.524	0.0201	0.0106	0.0049

Properties	Unit	Value
Density	gm/cm ³	2,71
Thermal Expansion	(200-100 C°)/C°	23*10
Elastic Module Tension	Kg/mm ²	6900
Tensile Strength	at 24 C°Kg/mm ²	15,5
Elongation	Delta L/L*100 (50 mm)	8%
Hardness	Kg/mm ² Brinel (HB)	60-65
Yield Strength	Kg/mm ²	12
Shear Strength	Kg/mm ²	11,5

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