



Specification for ATLASFOAM NTC

Properties	Standard	Unit	NTC 70	NTC 90
Nominal Density	ASTM - D 1622	kg/m ³	80	100
Compressive strength(perpendicular to the plane)	ASTM - D 1621	Mpa	1.0	1.2
Compressive modulus(perpendicular to the plane)(by Cross Head Motion)	ASTM - D 1621	Mpa	32	39
Shear strength(parallel to the plane)	ASTM - C 273	Mpa	0.73	0.87
Shear modulus(parallel to the plane)	ASTM - C 273	Mpa	12	17
Shear elongation(parallel to the plane)	ASTM - C 273	%	31	22
Closed cell content	ASTM - D 2856	%	> 95	> 95
Water absorption	ASTM - C 272	kg/m ²	0.028	0.027
Initial thermal conductivity (at 10°C)	ASTM - C 518	W/mK	0.024	0.025
Heat distortion temperature	DIN - 53 424	°C	97	100
Service temperature(Min / Max)	----	°C	-180 / +90	-180 / +90
Colour	----	----		
Standard sheet dimensions (width x length)	--	mm	1200x2400	1200x2400
Standard thickness (min - max)		mm	6/200	6/200

NOTES:

Plane means the plane of the sheet.

Unless otherwise specified, average values are determined at 23°C throughout the cross section.

UV rays cause surface alteration. Do not expose to sun light.

Product specifications referring to the mentioned properties are typical and do not imply specifications limits or guarantees.

These values may be changed at any time without prior notice. Please consult with "SO.TE.CO. S.p.A." to confirm actual values.

The information reported in this Technical Data Sheet has been carefully checked and is believed to be accurate.

Although it reflects our knowledge and belief, the Company will assume no responsibility for any errors or omissions, damage or loss resulting thereof.

It is necessary to verify any recommendation for use as regards the suitability and conformity with actual project requirements, specifications and any applicable law.

Last update: April 2009

Lintex International Co., Ltd.

Add: Wanli Village Chongfu Town Tongxiang Zhejiang China 314511

Tel : + 86 573 88355912, 88355910

Fax : + 86 573 88039267, 88039077

Email : info@lintex.cc

Web: www.lintex.cc

