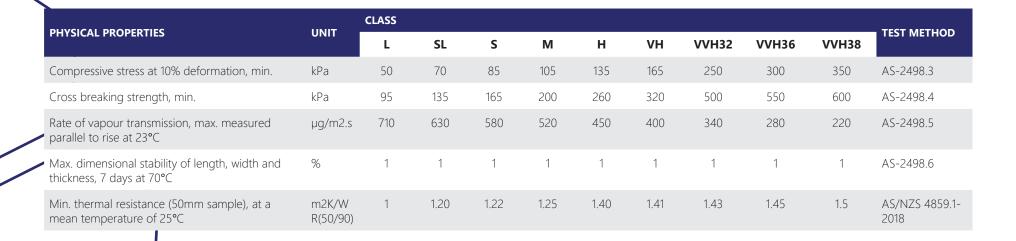
depending on your project requirements.





FLAME PROPOGATION CHARACTERISTICS	UNIT	CLASS										
		L	SL	S	М	н	VH	VVH32	VVH36	VVH38	TEST METHOD	
Median flame duration max.	SD	2	2	2	2	2	2	2	2	2	AS-2122.1	
Eighth value max.	SD	3	3	3	3	3	3	3	3	3	AS-2122.1	
Median volume retained	%	15	18	22	30	40	50	60	60	70	AS-2122.1	
Eighth value min.	%	12	15	19	27	37	47	57	57	68	AS-2122.1	



Styroboard[®]

	UNIT	CLASS									
OTHER PROPERTIES		L	SL	S	М	н	VH	VVH32	VVH36	VVH38	TEST METHOD
Density - nominal	kg/m3	11	13.5	16	19	24	28	32	36	38	n/a
Compressive strength at 1% deformation, max.	kPa	14	23	31	42	58	60	63	65	70	ASTM D1621
Compressive strength at 5% deformation, max.	kPa	33	59	68	95	134	164	230	290	340	ASTM D1621
Flexural strength, min.	kPa	60	150	178	218	304	337	362	385	413	ASTM C203
Elastic modulus, min.	kPa	1450	2200	3100	4250	5850	7250	8650	9850	10950	n/a
Water absorption by total immersion, max.	Vol. %	4	4	4	3	3	2	2	1	1	ASTM C272
Buoyancy force	kg/m3	989	986.5	984	981	976	972	968	965	963	n/a
Coefficient of thermal expansion	m/m deg K	6.3 x 10-5	6.3 x 10-6	6.3 x 10-7	6.3 x 10-8	ASTM D696					

Australian Standard 1366, Part-3 1992 Physical Properties of Rigid Cellular Polystyrene sets out the minimum required properties for six classes of EPS. The Standard defines the industry specifications and manufacturing methods for compliance.

The table above details the physical properties of EPS that are mandated for satisfying AS 1366, Part-3 1992. Foamex Styroboard EPS is stringently manufactured to meet all requirements defined in Australian Standard 1366, Part-3 1992.

VVH32, VVH36 & VVH38 are additional grades developed by Foamex that sit outside of this standard to meet the demand for customised requirements.

Continued

The information submitted in this publication is based on our current knowledge and experience. In view of the many factors that may affect processing and application, this data does not relieve the purchaser of the responsibility of carrying out their own tests and experiments; neither do they imply any legally binding assurance of certain properties or of suitability for a specific purpose. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislation are observed.

