



常州隽隆复合材料有限公司

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Cell PVC foam board

1、 Type designation: D60, D80

2、 Technical Data Sheet

Test Item	Standard	Unit	Results	D60	D80
Density	ISO 845	Kg/ m ³	Mean	62.07	80.8
			Range	54-69	72-92
Compressive strength	ISO 844:2006	MPa	Mean	0.996	1.72
			Msmv	0.7	1.3
Compressive modulus	ISO 844:2006	MPa	Mean	87.4	135
			Msmv	55	75
Shear strength	ISO 1922:2012	MPa	Mean	0.914	1.15
			Msmv	0.7	1.0
Shear modulus	SO 1922:2012	MPa	Mean	26.7	33.9
			Msmv	22	25
Tensile strength	ASTMC297	MPa	Mean	1.81	2.66
			Msmv	1.0	2.2
Tensile modulus	ASTMC297	MPa	Mean	96.1	130
			Msmv	45	85

Definitions

mean = arithmetic mean of type test results

mshv = manufacturer's specified minimum value

3、 Product description

The D60and D80 PVC foam as new high-strength material,with lightweight, high strength, fatigue resistance.

4、 Field of application and special limitations of the product

ThePVC foam is compatible with almost all resin systems,whichcan be expanded the application in many filed, not only widely used in wind turbine, high-speed train, the luxurious yacht,

aerospace and other cutting-edge fields, but also many undeveloped fields of high-end include building fire prevention, heat preservation, sound insulation, etc.

The finished product surface preparation does not need coating or seal.

5、The storage condition

- 1) PVC rigid structure foam should be stored in the ambient temperature is not higher than 40°C, the range of humidity is 5%-75%.
- 2) In order to avoid the irregular shrinkage of the product, the product cannot be exposed to direct sunlight, and the ambient temperature and humidity around the foam are kept uniform.
- 3) When the storage environment is quite different from the workshop, the PVC should be stored in the workshop more than 24 hours before used.