



ACRYLICFOAM® VP MP EP LP Specification

Type	Tempreture	Item	Foam Cell	Heat deflection temperature °C	Density kg/m ³	Compressive strength MPa	Tensile strength MPa	Shear strength MPa	Elastic modulus MPa	Shear modulus MPa	Elongation at break %
Float	VP	40 VP	Fine Cell								
Structure Foam	MP medium temp.	31 MP	Fine Cell/medium cell	165	32	0.4	1	0.4	33	14	5/8/5
		51 MP	Fine Cell/medium cell	165	52	0.9	1.9	0.8	65	22	5/8/5
		71 MP	Fine Cell/medium cell	165	75	1.6	2.3	1.3	90	33	5/8/5
		110 MP	Fine Cell/medium cell	165	110	3.4	3.4	2.4	152	57	5/8/5
	EP low-medium temp.	31 EP	medium cell	155	32	0.4	1	0.4	33	14	5
		51 EP	medium cell	155	52	0.9	1.9	0.8	65	22	5
		71 EP	medium cell	155	75	1.6	2.3	1.3	90	33	5
		110 EP	medium cell	155	110	3.4	3.4	2.4	152	57	5
	LP low-medium temp.	51 LP	中孔	165	52	0.9	1.9	0.8	65	22	3.5
		71 LP	中孔	165	75	1.6	2.3	1.3	90	33	3.5
		110 LP	中孔	165	110	3.4	3.4	2.4	152	57	3.5

ACRYLICFOAM® Poisson's ratio: between 0.37~0.38 (23°C) , the above data is a typical value

