



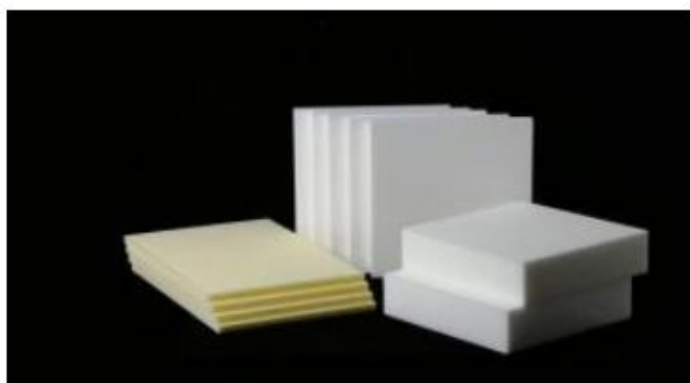
常州隼隆复合材料有限公司

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PMI Series Foam Technical Properties

Category	Standard	Unit	F32	F52	F75	F110	H52	H75	H110
Thermal Conductivity	EN 12667	W/(m-K)	0.029	0.03	0.032	0.035	0.031	0.035	0.038
Heat Distortion Temperature	DIN 53424	°C	190	190	190	190	160	160	160
Dissipation Factor	ASTM D 2520	/	0.0002	0.0003	0.0005	0.0007	0.0003	0.0005	0.0007
Dielectric Constant	ASTM D 2520	/	1.03	1.05	1.08	1.11	1.05	1.08	1.11

PMI Series Foam Product Specifications

Category	Standard	Unit	F32	F52	F75	F110	H52	H75	H110
BLOCK Specifications	Length	mm	2500	2500	2500	2250	2500	2500	2250
	Width	mm	1250	1250	1250	1150	1250	1250	1150
	Thickness	mm	120	105	90	80	105	90	80
Contour Sheet Specifications	Length	mm	1250	1250	1250	1125	1250	1250	1125
	Width	mm	1250	1250	1250	1150	1250	1250	1150
	Thickness	mm	5-65	5-65	5-65	5-65	5-65	5-65	5-65
Flat Sheet Specifications	Thickness	mm	1-120	1-105	1-90	1-80	1-105	1-90	1-80

PMI Series Foam Product Properties

Category	Standard	Unit	Result	F32	F52	F75	F110	H52	H75	H110
Density	ISO 845	kg/m³	Average Value	32	52	75	110	52	75	110
			Range	±7	±12	±15	±21	±12	±15	±21
Compressive Strength	ISO 844:2006	MPa	Average Value	0.43	1.03	1.84	3.31	0.95	1.73	3.42
Compressive Modulus	ISO 844:2006	MPa	Average Value	12.5	42.4	76.3	118.6	41.5	69.8	123.4
Shear Strength	ASTM C273:2012	MPa	Average Value	0.42	0.78	1.33	2.56	0.76	1.32	2.48
Shear Modulus	ASTM C273:2012	MPa	Average Value	11.6	21.3	37.3	53.4	19.1	32.5	58.4
Tensile Strength	ASTM D638	MPa	Average Value	1.11	1.86	2.73	4.08	1.75	2.68	4.38
Tensile Modulus	ASTM D638	MPa	Average Value	36.4	69.6	114.6	148.7	58.4	96.3	138.7