

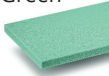

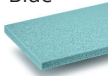



PVC foam cores

Mechanical performance

Type	Test method	Units	PVC48	PVC60	PVC80	PVC100	PVC130	PVC200
Colour	/	/	Lilac 	Yellow 	Green 	Red 	Blue 	Brown 
Nominal sheet size	/	mm	1270x2730x80	1150x2450x78	1020x2180x72	950x2050x68	850x1900x58	750x1600x48
Nominal density	ASTM D1622	kg/m ³	48	60	80	100	130	200
Compressive strength	ASTM D1621-10	MPa	0,48	0,75	1,22	1,72	2,52	4,64
Compressive modulus	ASTM D1621-10	MPa	18	31	53	76	111	198
Operating temperature	/	°C	from -40 to +80					
Tensile strength	ASTM D1623	MPa	0,66	1,33	1,82	2,31	3,04	5,61
Tensile modulus	ASTM D1623	MPa	57	75	107	138	185	343
Shear strength	ASTM C273	MPa	0,49	0,70	1,06	1,43	1,97	3,23
Shear modulus	ASTM C273	MPa	12	17	25	33	45	74
Shear elongation at break	ASTM C273	%	9	13	20	25	32	41