

Properties of ROHACELL® IG/IG-F

Properties	Unit	ROHACELL® 31 IG/IG-F	ROHACELL® 51 IG/IG-F	ROHACELL® 71 IG/IG-F	ROHACELL® 110 IG/IG-F	Standard
Density	kg/m ³	32	52	75	110	ISO 845
	lbs./cu.ft.	2.0	3,25	4,68	6,87	ASTM D 1622
Compressive strength	MPa	0,4	0,9	1,5	3,0	ISO 844
	psi	58	130	217	435	ASTM D 1621
Tensile strength	MPa	1,0	1,9	2,8	3,5	ISO 527-2
	psi	145	275	406	507	ASTM D 638
Shear strength	MPa	0,4	0,8	1,3	2,4	DIN 53294
	psi	58	116	188	348	ASTM C 273
Elastic modulus	MPa	36	70	92	160	ISO 527-2
	psi	5,220	10,150	13,340	23,200	ASTM D 638
Shear modulus	MPa	13	19	29	50	DIN 53294
	psi	1,885	2,755	4,205	7,250	ASTM C 273
Elongation at break	%	3,0	3,0	3,0	3,0	ISO 527-2
						ASTM D 638
Heat distortion temperature	°C	180	180	180	180	DIN 53424
	°F	356	356	356	356	

Technical data of our products are typical values for the nominal density.

® = registered trademark

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