



PROPERTIES OF ROHACELL IG/IG-F

PROPERTY	METHOD	UNIT	ROHACELL® 31 IG/IG-F	ROHACELL® 51 IG/IG-F	ROHACELL® 71 IG/IG-F	ROHACELL® 110 IG/IG-F
DENSITY	ISO 845 ASTM D 1622	kg/m ³ lbs/ft ³	32 2.00	52 3.25	75 4.68	110 6.87
COMPRESSIVE STRENGTH	ISO 844 ASTM D 1621	MPa psi	0.4 58	0.9 130	1.5 217	3.0 435
TENSILE STRENGTH	ISO 527-2 ASTM D 638	MPa psi	1.0 145	1.9 275	2.8 406	3.5 507
SHEAR STRENGTH	DIN 53294 ASTM C 273	MPa psi	0.4 58	0.8 116	1.3 188	2.4 348
ELASTIC MODULUS	ISO 527-2 ASTM D 638	MPa psi	36 5,220	70 10,150	92 13,340	160 23,200
SHEAR MODULUS	DIN 53294 ASTM C 273	MPa psi	13 1,885	19 2,755	29 4,205	50 7,250

FOR DIALECTRIC PROPERTIES PLEASE GO TO PAGE 36/37