



PROPERTIES OF ROHACELL RIMA

PROPERTY	METHOD	UNIT	ROHACELL® 51 RIMA	ROHACELL® 71 RIMA	ROHACELL® 110 RIMA
DENSITY	ISO 845 ASTM D 1622	kg/m ³ lbs/ft ³	52 3.25	75 4.68	110 6.87
COMPRESSIVE STRENGTH	ISO 844 ASTM D 1621	MPa psi	0.8 116	1.7 246	3.6 522
TENSILE STRENGTH	ISO 527-2 ASTM D 638	MPa psi	1.6 232	2.2 319	3.7 536
SHEAR STRENGTH	DIN 53294 ASTM C 273	MPa psi	0.8 116	1.3 188	2.4 348
ELASTIC MODULUS	ISO 527-2 ASTM D 638	MPa psi	75 10,875	105 15,225	180 26,100
SHEAR MODULUS	DIN 53294 ASTM C 273	MPa psi	24 3,480	42 6,090	70 10,170
STRAIN AT BREAK	ISO 527-2 ASTM D 638	%	7	7	7