



PROPERTIES OF ROHACELL XT

PROPERTY	METHOD	UNIT	ROHACELL® 71 XT	ROHACELL® 110 XT
DENSITY	ISO 845 ASTM D 1622	kg/m ³ lbs/ft ³	75 4.68	110 6.87
COMPRESSIVE STRENGTH	ISO 844 ASTM D 1621	MPa psi	1.7 246	3.6 522
TENSILE STRENGTH	ISO 527-2 ASTM D 638	MPa psi	2.2 319	3.7 536
SHEAR STRENGTH	DIN 53294 ASTM C 273	MPa psi	1.4 203	2.1 304
ELASTIC MODULUS	ISO 527-2 ASTM D 638	MPa psi	105 15,225	180 26,100
SHEAR MODULUS	DIN 53294 ASTM C 273	MPa psi	42 6,090	63 9,135
STRAIN AT BREAK	ISO 527-2 ASTM D 638	%	4	4

CHECK PAGES 31-34 FOR THE HEAT TREATMENT AND DRYING PROCESS