

Physical Properties - Minerit LW

Physical Properties	LW
Density, dry, pcf	69
Moisture Content, normal, %	12
Modulus of Rupture, psi, MD	1880
CMD	1300
Modulus of Elasticity, psi x10⁶	580
Tensile Strength, psi, MD	580
(Parallel to surface) CMD	430
Compressive Strength, psi	NA
Impact Strength, lb-ft/ft²	137
Water Absorption, %, oven dry - saturation	48
Thermal Conductivity, BTU-in/ft², hr, °F	1.3
Coefficient of Thermal Expansion, in/in, °F, x10⁻⁶	3.9
68 °F - 212 °F	
Moisture Movement, in/ft	0.042
Oven dry - saturation	
Surface Burning Characteristics, Class I	0
Flame spread	0
Smoke developed	
Continuous Maximum Temperature, °F	250
Non-combustible	ASTM E 136

Properties based on 1/4" material