

# SPECIFIED STRENGTHS & MODULUS OF ELASTICITY

## :: SPRUCE – LODGEPOLE PINE ::

		20f-E	20f-EX	12c-E
Bending Moment (pos.)	fb	25.6	25.6	9.8
Bending Moment (neg.)	fb	19.2	25.6	9.8
Longitudinal Shear	fv	1.750	1.750	1.750
Compression parallel	fc	25.2	25.2	25.2
Compression parallel combined with bending	fc	25.2	25.2	25.2
Compression perpendicular	fc			
– compression face bearing		5.8	5.8	5.8
– tension face bearing		5.8	5.8	5.8
Tension net section	ftn	17.0	17.0	17.0
Tension gross section	ftg	12.7	12.7	12.7
Tension perpendicular to grain	ftp	0.51	0.51	0.51
Modulus of elasticity	E	10300	10300	9700