


Commercial document to ULTRALAM-I according to EN 14374

 0672	
MLT Ltd., 96-A Staritskaya Str., 172011 Torzhok Russia 09 0672-CPD-I 14.04.1	
EN 14374 Structural LVL for Building and Bridge applications	
Bending strength:	
Edgewise	30 N/mm ²
Size effect parameter	0,15
Flatwise	35 N/mm ²
Tension strength:	
Parallel to grain	NPD
Perp. to grain, edgewise	NPD
Perp. to grain, flatwise	NPD
Compression strength:	
Parallel to grain	38 N/mm ²
Perp. to grain, edgewise	7,5 N/mm ²
Perp. to grain, flatwise	3,8 N/mm ²
Shear strength:	
Edgewise	NPD
Flatwise	NPD
Modulus of elasticity:	
Parallel to grain (mean)	11200 N/mm ²
Parallel to grain (5%-fractile)	10000 N/mm ²
Perp. to grain, edgewise (mean)	NPD
Perp. to grain, flatwise (mean)	NPD
Shear modulus:	
Edgewise (mean)	NPD
Flatwise (mean)	NPD
Density	430 kg/m ³
Reaction to fire class	D-s1,d0
Release of formaldehyde class	E1
Durability class	4