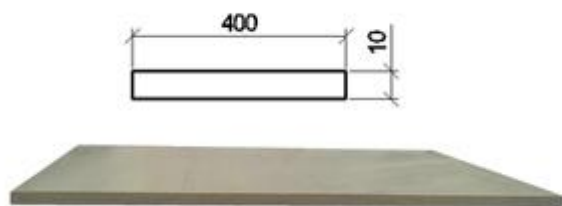


Flat sheet



Wigth	Thickness	Weight
mm	mm	kg/m
400,00	10,00	6,35

Mechanical properties (standart LVS EN ISO 527)	Units	M1, P1 Series
Tensile Strength (LW)	MPa	170,0 – 226,9
Tensile Strength (CW)	MPa	24,0 – 40,0
Crushing Stress (LW)	MPa	219,0 – 226,0
Crushing Stress (CW)	MPa	50,0 – 114,0
Flexural Strength (LW)	MPa	170,0 – 226,9
Flexural Strength (CW)	MPa	70,0 – 75,6
Strength At The Cut	MPa	15,0 – 25,0
Elastic Modulus (LW)	GPa	17,0 – 22,0
Elastic Modulus (CW)	GPa	25,0 – 16,0
Shear Modulus	GPa	2,9 – 3,4
Poisson's Ratio (LW)	mm/mm	0,35
Poisson's Ratio (CW)	mm/mm	0,15

Elongation		0,2 – 1,9%
Physical (LVSENISO 527)		
Barcol Hardness		45
Water Absorption	%Max	0,6
Density, Specific Gravity	Mg / M ³	1,66-1,93
Coefficient of Thermal Expansion (LW)		8
Thermal Conductivity (PF)	W/MK	0,58

Electrical properties		
Dielectric Strength (LW) (test standard IEC 60234)	kV/mm	till 1,58
Dielectric Strength (PF) (test standard IEC 60234)	kV/mm	till 7,9
Arc Resistance (LW)	seconds	120
Dielectric Constant (PF)	60 Hz	5,2