



6201 Aluminium alloy basic properties

Specifications	Aluminium 1350	6201 Alloy
Quenching	H19	T81
Density at 20°C (g/cm ³)	2,705	2,690
Minimum conductivity at 20°C (%IACS)	61,0	52,5
Maximum resistivity at 20°C ($\Omega\text{mm}^2/\text{m}$)	0,028264	0,032840
Resistance variation coefficient at 20°C ($^{\circ}\text{C}^{-1}$)	0,00403	0,00347
Linear dilatation coefficient ($^{\circ}\text{C}^{-1}$)	0,000023	0,000023
Brinnell hardness	42	85
Minimum breaking stress (Mpa) (*)	155 a 186	303 a 317
Minimum lengthening in 250mm (%) (*)	1,2 a 2,2	3,0

(*) According to wire diameter.