Weerg.

Pickled iron

Iron, better known as carbon steel, is a very important material that has found a large and significant place within the industrial sector. One of the main reasons for its popularity lies in its simple machinability, which makes it easily manipulated for a wide range of applications. Aluminium alloy 5754, which is part of the Aluminium-Magnesium family of alloys, is renowned for its exceptional characteristics. This alloy is distinguished by its good resistance to corrosion and oxidation, which makes it particularly suitable for applications in corrosive environments, such as the marine environment.Brass OT63



Material properties

Density		7,8	g/cm³
Tensile strength	ISO 6892	450	MPa
Elongation at break	ISO 6892	10	%
Yield strength	ISO 6892	235	MPa
Elastic modulus	ISO 6892	200	GPa
Resilience	ISO 148	27	kJ/m²
Hardness	ISO 6508	130	HB
Melting temperature		1500	°C
Thermal conductivity (20°C)		52	W/mK
Electrical resistivity		0,20-0,25	Ωmm²/m

Printing layer height

Maximum dimensions 1500x1500 mm (59.06x59.06 in)

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Tolerances

Applications

Coatings, automotive, electrical appliances, metal structures in construction and piping

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