

TECHNICAL DATA

Specification

Material No.: 3.2585 / AlSi12 / ER 4047

Field of Applications

For laser welding on Aluminum Alloy, cast alloy up to 12% Si, strong prevention of cracking after welding.

Mechanical Properties

Tensile strength Rm (N/mm ²)	130
0.2%-yield strength (Rp0.2)(mpa)	60
Elongation A (L-5d)%	6
Thermal conductivity (W/(m*K))	150-170

Composition in %				
Si 12.00	Mn 0.20	Al Rest		

Compatible Materials:

Aluminium

Available Sizes:

MA125 Spools: Ø mm 0.3 / 0.4 / 0.5 / 0.6 / 0.8 / 1.0



EN 10204/3.1 2005 Quality Certified



e-version