

## TECHNICAL DATA

### Specification

Material No.: 3.0805 / EN ISO 18273: S Al 1450

### Field of Applications

Pure Aluminum wire with Ti content for improving weldability by a fine grain structure. For welding joints and depositing on Aluminum base material according to EN ISO 18273.

### Mechanical Properties

Tensile strength Rm (N/mm <sup>2</sup> )	65
0.2%-yield strength (Rp0.2)(mpa)	30
Elongation A (L-5d)%	35
Thermal conductivity (W/(m*K))	210-230

Composition in %				
Al 99.68	Si 0.03	Fe 0.07	Cu 0.01	Mn 0.01
Mg 0.01	Zn 0.01	Ti 0.19		

### Compatible Materials:

Aluminum and Aluminum Alloy

### Available Sizes:

MA125 Spools: Ø mm 0.2 / 0.3 / 0.4 / 0.5 / 0.6 / 0.8

Rods (500 mm): Ø mm 0.4 / 0.5 / 0.6 / 0.8 / 1.0 / 1.2



EN 10204/3.1 2005 Quality Certified



e-version