

# QuLPA-AISi10Mg

Standard designation : ~ M.-No. 3.2823 – AISi10Mg

Aluminium based powder well suitable for welding because of its Si and Mg contents.  
Heat treatment according to the T6 cycle is applicable.

Grain size: -45 +15  $\mu$ M  
Grain form: spherical

## Recommendation for base material

Build up and welding on aluminum alloys with 10% Si.

## Material analysis

Al	Si	Mg
Basis	9,00 – 11,00	0,20 – 0,45

(Test certificate upon request)

## Mechanical values

Inert gas	Argon	Values of the pure weld
Temperature	20°C	
Yield point Re	N/mm <sup>2</sup>	230
Tensile strength Rm	N/mm <sup>2</sup>	400
Elongation A (Lo = 5do)	%	7
Untreated hardness	HRC	

Sample= 2,67% density

## Delivery form:

Plastic bottle with 5 kg in a packaging of 20 kg

The reported values were determined by the manufacturer and / or by a neutral Laboratory.  
We cannot guarantee for the accuracy