

## FEATURES

- Excellent Machinability
- Can be used to produce highly complex detailed parts
- Material suitable for automatic lathes
- Poor corrosion resistance
- Tensile strength 365Mpa
- Hardness 95 Brinell HB
- Density 2.82 g/mm<sup>3</sup>
- Thermal Conductivity 138 W/m.K
- Thermal Expansion Coeff. 23 x 10<sup>-6</sup>
- Modulus of Elasticity 71GPa

## RS PRO 2011-T3 Aluminium rod

RS Stock No.:

559-177 / 495-388 / 495-269 495-265 / 495-253



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

## Family Name

### Product Description

*Alloy 2011 is known as a free machining alloy or 'FMA' this means that the material has excellent machinability and is suitable for use on automatic lathes. The alloy displays poor corrosion resistance and therefore anodising will be required for additional surface protection. Whilst weldability is also very poor, 2011 aluminium is a highly versatile aluminium. With excellent machinability the material can be used to produce highly complex and detailed parts.*

### General Specifications

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### Mechanical Specifications

- AlCu6BiPb
- FC1
- A92011
- CB60
- 3.1655
- AlCuBiPb

### Electrical Specifications

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### Protection Category

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### Classification

eCI@ss (Version)	
UNSPSC (Version)	

### Approvals

<b>Declarations</b>	Manufacturer Declaration of conformity. Traceably back to mill origin.
<b>Hazardous Area Certification</b>	
<b>Standards Met</b>	RoHS 2 Latest revision

### Similar Products

Stock No.	Brand	Product Name	Attribute 1	Attribute 2	Attribute 3
559-177	RS PRO	Aluminium Rod			
495-388	RS PRO	Aluminium Rod			
495-269	RS PRO	Aluminium Rod			
495-265	RS PRO	Aluminium Rod			
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Connection Diagrams / Assembly Diagrams / Illustrations / Accessories