



## Aluminium Orange 2RLI (Technical Data Sheet)

Aluminium Orange 2RLI is a metal complex azo dye for finishing of aluminium products generally all types of aluminium in the production of golden orange shades. This dye is found in powder form and, is used mainly for the production of golden shades

### Chemical Properties:

Physical Form : Dry Powder  
Appearance : Dark Orange Powder  
Chemical Class : Metalized azo dye.  
Solubility : > 50 g/l @ 60 C  
Light Fastness : 7-8  
Heat Fastness : Very Good

### Anodizing recommendation:

	Concentration	Dyeing temperature	Dyeing Times	pH
Standardized anodized (Thickness 10microns)	5 gms/liter	55-60 C	5-10 minute	5.5
Standardized anodized (Thickness 25microns)	1-2 gms/liter	55-60 C	5-10 minute	5.5

### Buffer

The bath must be buffered with  
8 g/l sodium acetate trihydrate  
0.4 ml/l acetic acid for pH 5.5.

### Water Quality

: Preferably de-ionized; dyeing is also possible in tap water, but this can reduce the service life of dye bath

### Sealing Methods:

Sealing Type	Sealing Name	Concentration	Bath temperature	Dipping Time
Hot Sealing	UV Seal NA	5-8grms/liter	Hot Temperature (50-60 degrees)	10-15 minute



**Disposal of spent dye bath:** Spent dye bath must be disposed as per local law. Since this is metal complex dye containing chromium.

**Note :**

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