



Aluminium Red 2LNW **(Technical Data Sheet)**

Aluminium Red 2LNW is a bright red dye in powder form,
This dye can be used for thinner coating to get the desired shade.

Due to high concentration of dye the consumption is much lower cost of red anodizing of aluminium.

Chemical Properties:

Physical Form	: Dry Powder
Appearance	: Dark Red Powder
Chemical Class	: azo dye.
Solubility	: > 70 g/l @ 60 C ⁰
Light Fastness	: excellent
Heat Fastness	: excellent

Anodizing Recommendation:

Coating Thickness	: 10-25 microns
Concentration	: 8-10 grams/l
Temperatures	: 55 – 60 C
pH	: 5.5 +- 0.5
Buffer	: The bath must be buffered with 8 g/l sodium acetate tri hydrate 0.4 ml/l acetic acid for pH 5.5
Time	: 5-10 Minutes.

Water Quality: Preferably de-ionized. Dyeing is also possible in tap water, but this can reduce the service life of dye bath

Sealing Methods: Hot sealing is preferred.

Disposal of spent dye bath.

Spent dye bath must be disposed as per local law.

Note :

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