



Aluminum Turquoise Blue 2GN (Technical Data Sheet)

Aluminium Turq Blue 2GN is a dye in powder form and gives Greenish Blue shade on anodized aluminium, which is distinguished by excellent fastness to light, weather and heat.

Chemical Properties:

Physical Form	: Dry Powder
Appearance	: Dark Blue Powder
Chemical Class	: Anthraquinone dye.
Solubility	: 60 g/l @ 60 C
Light Fastness	: 7-8
Heat Fastness	: Good

Anodizing recommendation:

Anodization	Concentration	Dyeing temperature	Dyeing Times	pH
Thickness 20microns	8- 10 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

OR

FINALLY dye buffer from Growel & Weil can be used as 15ml/litre.

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	1-5gms/litre	Hot Temperature (50-60 degrees)	10-15 minute

Disposal of spent dye bath: Spent dye bath must be disposed as per local law

Note : The information above is believed to be accurate and represent the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information and we assume no liability resulting from its use. User should make their investigations to determine the suitability of the information for their particular purposes. In no event shall Company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect incidental, consequential or exemplary damages.