



## SP-22125AB Super Chrome

KwoLin SP-22125AB is a super durable super chrome powder coating. The resin owns excellent weatherability, salt resistance, and humidity resistance. The color is an imitation of electroplated, which has high performance of glossiness and metallic effects. Because the metal powders are fine, it is easily to be oxidized and blackened by the environments. The product is only suitable for primers. It is highly recommended to add clear top coat for protection.

### Application and Storage Conditions:

- Oil, grease and rust should be removed by degreaser. The aluminum needs to be treated with chromium-based film, while the iron needs to be pretreated with zinc phosphate for optimum performance.
- Use the electrostatic spray gun to application on substrates.
- The film should be cure on metal temperature at 200°C for 15 minutes.
- Film thickness should be controlled at 70~100  $\mu\text{m}$  for high performance.
- Shelf life is six months when stored in dry conditions at 20°C.

### Products Properties:

Test items	Test method	Results
1. Specific gravity	By calculate	1.4 $\pm$ 0.3
2. Impact resistance	ASTM D2794	25kg. cm, no remove
3. Pencil hard	ASTM D3363	H
4. Cross hatch adhesion	ASTM D3359, method B	5B
5. Salt spray resistance	ASTM B117, 2000hrs	No removed
6. Acid resistance	In 5% $\text{H}_2\text{SO}_4$ , 24hrs	No removed, no bubble
7. Base resistance	In 5% $\text{Na}_2\text{CO}_3$ , 24hrs	No removed, no bubble
8. UV exposure	ASTM G154(Cycle 1), 2000hrs	Gloss retain >50%
9. Boiled resistance	Boil for 20 minutes	No removed, no bubble

### Tests were performed on Q-Panel AL36

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