

## Color-coated metal sheet rust inhibitor MC-P5150

### FEATURE

- The rust inhibitor applied to dipping, spray and roller coating
- Contain hexavalent chromium and can increase anti corrosion of Galvanized sheet and alloy galvanized sheet

- Appearance: Greenyellow transparent liquid
- Density:  $1.14 \pm 0.03$  g/cm<sup>3</sup>
- Recommended concentration: 5-15%
- Solution Temperature: 20~40°C
- Chromic acid value:  $11.5 \pm 1.5$
- Dry temperature: 50~80°C

### APPLICATION

Adding 50~150L MC-P5150 and 850~950L deionized water or soft water into 1000L tank. The chromic acid value is 10.4~31.3 in the aqueous.

### PROCESS

Chromic acid value test method: Firstly, add 10ml aqueous into an Erlenmeyer flask. Then add 50ml DI water and 20ml 50% H<sub>2</sub>SO<sub>4</sub> aqueous. Add 1~2g KI follow. Using 0.1mol/L Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> standard solution to titrate it. While the solution changes from reddish brown to yellowish-brown, add 2ml starch solution. The solution turns into dark blue. Then continue to use 0.1mol/L Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> standard solution to titrate till dark blue disappears. The consumption volume of 0.1mol/L Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> standard solution is the chromic acid value

Supplement: Add 4.7L (5.3KG) MC-P5150 into 1000L solution while the chromic acid value decreases by 1.

### TECHNICAL

### PROCESS

①Cleaning---②Water wash---③Water wash---④Air dry---⑤  
MC-P5150 dipping ---⑥Dry

### APPLICATION

- Galvanized sheet and alloy galvanized sheet or other metal material surface

### STORAGE

### AND

### HANDLING

- Available in 200 kg/ barrel or 25 kg/ barrel
- Storage period: 6-12 months in closed containers, shady and dry place