

## **charge enhancing agent-Corona system Jav-add 03002**

### **Introduction**

- Jav-add 03002 is a metallic salt component formulated to promote the chargeability of coating powders in Corona spray systems.
- Incorporating Jav-add 03002 additive into powder coating formulation , improves transfer-efficiency.
- The results of using Jav-add 03002 are:
  - 1-Increase spray efficiency and decrease wasted powder while applying coating powder in spray cabin
  - 2-better coverage of corners
  - 3- Improved Faraday-Cage Penetration: Enhances powder deposition on corners, edges, and difficult-to-coat areas.

### **Typical properties:**

|                          |               |
|--------------------------|---------------|
| Main active raw material | Metallic salt |
| Appearance               | White powder  |
| Nonvolatile content      | ≥98%          |
| density(g/cm3)           | 1±0.05        |

**Application:** Jav-add 03002 can be used in all powder coating systems such as pure epoxy, hybrid, PES/TGIC or PES/HAA and PU

**Dosage:** 0.25–0.5% (based on the total formulation). The exact dosage should be determined through preliminary laboratory testing.

**Use method :** Add Jav-add 03002 to the powder coating formulation during the premix stage, prior to extrusion.

**Packaging:** Net weight 20kg per bag

**Storage:** Store in dry place with temperature between 2-32°C, away from direct sunlight and fire. If the above conditions are met, the product can be stored for one year

**Safety:** Appropriate personal protective equipment, including respiratory protection and safety glasses, should be worn during handling and use of the product. For further safety information, please refer to the Safety Data Sheet (SDS).