

Triboelectric Agent TB-1

I Description

Frication spraying is characteristic of low energy consumption, low expenditure and high safety and is hence widely applied. But some powder coatings (such as hybrid system, TGIC system and metal pigments) have problem of poor tribo-electrification property due to small dielectric constant. TB-1 is the additive which can enhance the dielectric constant of the materials and improve the electric charging property of the powder, and hence improve powder spraying ratio.

II Technical data

TB-1	Test Method	Specification
Appearance	Visualization	White free flow powder
Carrier	\	Super fine BaSO ₄
Active Ingredient	GB/T 7531-2008	5%
Solid Content	GB/T 1725-2008	99.0%min

III Application:

- 1 TB-1 can be used in all kinds of powder coatings. Preblend it with other ingredient and then extrude together.
- 2 Dosage: 1~4%. The actual amount shall be based on lab test.
- 3 Pre-test is necessary for light color powder coatings to avoid possible imperfections.

IV Package, Storage & Handling

Available in polyethylene-lined, multi-ply paper bags, N.W.25KGS/Bag.
Keep in the cool and dry place, keep away from fire.

