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Anti-yellowing matting agent for interior powder coating T-338A

1.Description

T-338A is a wax-free, resin-based in-house anti-yellowing matting agent for epoxy/polyester powder coatings. The ratio of T-338A to epoxy curing is about 2/1; the addition of T-338A is 1-5%, which can provide matting powder with a gloss of more than 2%. Its characteristics are low gloss and good storage stability.

2. Typical physical data

Appearance	pale yellow powder
Soft range(°C)	100-120
Bulk density (g/l)	500-600
Solid content (%)	>99

3.Suggested formula

Epoxy E-12	295	320
50/50polyester	245	220
Levelling agent T-988	10	10
Leveling Additive T-701	10	10
Matting Filler	414	394
Carbon black	6	6
Matting agent T-338A	25	50
gloss	8%	1.5%

Curing condition: 200°C × 10min

4. Characteristics

- ① To obtain lower matting finish, normally select 50/50 polyester with slowly reactivity, as better mechanical performance and storage ability.
- ② According to difference dosage in formula, excess epoxy/T-338A could be adjust to get suitable gloss and film appearance.

5. package and storage:

Packaging with PE lined Kraft paper bags, Net weight 25kg per bag. Store in cool and dry place to avoid moisture. According to our experience, the shelf life of this product is at least 2 years when ambient temperature below 30 °C.