



Shanghai Suo Shi Chemical Industrial Co.Ltd

Dongguan Suoshi New Material Co.,Ltd

Factory Address :No.66 Yong Wei Road ,Bai Zhou edge,Guan Long Road, Dong
Cheng District, Dong guan City,Guangdong Province , China

TEL : 0769-22653892

FAX : 0769-22653316

Version: Nov. 18, 2015

Anti-yellowing matting agent for interior powder coating T-323A

1.Description

T-323A is a wax-free matting hardener based on resin designed for hybrid powder coatings. T-323A can produce down to 8% of gloss matt coating at dosage 0.5-2%. Compared with the typical X68 type matt hardener, ① T-323A can provide excellent anti-yellowing, color stability, and gloss stability when over baking, strongly recommend using in matt powder coating of light color. ② T-323A can also provide good surface properties such as excellent flow, smoothness and fine silk feeling, and eliminate the finger marking .It's available to use high polyester ratio to reach a good cost of formulation.

2. Typical physical data

Appearance	pale yellow powder
Soft range(°C)	100-120
Bulk density (g/l)	500-600
Solid content (%)	>98

3.Suggested formula

Epoxy E-12	260	210
50/50polyester	260	/
60/40 polyester	/	310
Levelling agent T-988	10	10
Appearance modifiers T-402	5-10	5-10
Pigment and filler	420	420
Matting agent T-323A	10-20	10-20
Curing condition:180°C × 15min Or 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 Excess epoxy to matting agent ratio 1/1, the matting finish gloss lower, fullness and long-time shelf life.
- ③ Worse storage ability than 68 matting system, please prevent store it in high temperature (>35°C) environment for a long time.
- ④ T-323A compared with similar products, characteristics as below:
A. Surface fullness B. excellent mechanical properties C. widely used in hybrid system

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.