



Shanghai Suoshi Chemical Industrial Co.,Ltd

Dongguan Suoshi New Material Co.,Ltd

Factory Address : No.66, Baizhouchongwei, Guanlong Road, Dongcheng District,
Dongguan City, Guandong Province, China

TEL : 0769-22653892

FAX : 0769-22653316

Version: Nov. 8, 2019

Outdoor physical matting agent T-301

1、Description

T-301 is a modified wax-based non-reactive matting agent, which is suitable for matting of 30-60% gloss semi-gloss outdoor powder. This chemical system has an excellent flow with extraordinary matting effects, good durability and resistance to yellowing. Compared with competitive products, T-301 has less smoke, higher film hardness, good DOI, anti-yellowing and stable gloss.

2. Technical index

Appearance	Light yellow granule
Soft range(°C)	100-120
Solid content(%)	>99
Bulk density(g/L)	450-550

3.Formula reference

Pure polyester (acid value 30-35mgKOH/g)	550
Curing agent TGIC	43
Physical matting agent T-301	20
General flowing agent T-988	10
Leveling additives T-701	7
Benzoin	3
Pigment and filler	350
Curing condition:200°C×10min	

4. Precautions

- ①The dosage of T-301 is 1-3% in the formulation, preferred 2%. More matting agent added in, gloss reduction not obvious but affecting the mechanical performance of the film.
- ②T-301 combined with different polyester get gloss deviation, normally use polyester has lower reactivity the finish gloss lower.

③ This product could be used in two components matting system for exterior application, get lower gloss and excellent appearance.

5. Package and storage:

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