



Shanghai Suo Shi Chemical Industrial Co.Ltd

Dongguan Suoshi New Material Co.,Ltd

Factory Address: No.66,baizhoubain,guanlongRoad, dongcheng District, dongguan City,
guandongProvince, China

TEL: 0769-22653892

FAX: 0769-22653316

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SAND PROFILE AGENT T-101 (TDS)

1. Description

These sand texture agents are polyamide modified fluoride copolymer which can produce excellent wear resistant matt powder coating. Compared with the competitive products, T-101 can provide good cost, low dosage, good **dispersion** and gloss stability. T-101 is designed for good cost formulation , added amount 0.3-0.8%.

2. Typical physical data

Physical State:	white powder
Specific Gravity or Density	2.1 G/CM ³
Solid content (%):	99
Particle size(D50):	18-30um

3. Suggested formulation

Epoxy resin	260	Epoxy resin	500
Polyester resin	260	B68 type matting agent	50
Texturing agent T-101	4-5	Texturing agent T-101	2
Organic clay	15	Flow agent T-988	10
Flow agent T-988	5	Matt BaSO ₄	200
Pigments and Fillers	450	Light calcium carbonate	250

4. Characteristics and application

- Providing excellent hardness, scratch/friction resistance **and smoothness**
- Silicon-free, not affect to **re-coating**.
- Use level range is 0.1-0.3%. To acquire more fine texture, lower gloss powder, add lower dosage of T-101. To acquire more coarse texture, add higher dosage of T-101.
- In combined with organic clay will provide better cost and performance.
- Coarse texture powder will relate to particle size and texture agent dosage.
- Don't add flow agent in the flat grained power coating. Combining silica is better. When produce semi-matt one, please combine with excessive texturing agent, flow agent and small quantity of matt agent (0.5%) in the formulation. Add barium sulfate as the filler.
- Adding 0.2-0.8% very fine talcum powder can remove the problem of edge coverage.

5.Packaging and storage

Polyethylene lining, net weight 25KG caveat; stored in a cool and dry place to avoid moisture absorption. In the < 30 °C is valid for two years at room temperature