



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-302B

### 1. Description

T-302B is a non-wax containing and resin based matting agent designed for applying in TGIC system. It can provide outdoor matting powder by adding T-302B at the dosage of 1%-4.5%. This chemical system has excellent levelling and surface fullness with low consumption, suitable for black system. Under over baking conditions, gloss and color still maintain stable.

### 2. Technical index

Appearance	Pale yellow powder
Soft range(°C)	100-130
Solid content(%)	>98
Bulk density(g/L)	500-600

### 3. Formula reference

Pure polyester (DSM4600、SJ-4ET)	560
Curing agent TGIC	45
Matting agent T-302B	45
Levelling agent T-988	10
Leveling Additives T-701	7
Benzoin	3
Black Carbon	7
Filler	330
Curing condition:200°C × 10min	Gloss: 10-15%

#### **4. Precautions**

①In the same formulation, gloss may have deviation due to the adoption of different polyesters . Generally, polyesters with slow reaction speed have lower gloss.

②Less amount of TGIC could be consumed by T-302B. In order to obtain better mechanical properties, normally excess TGIC and T-302B ratio of about 10/1.

#### **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.