



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

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Color flooding agent T-20(TDS)

1. Description

T-20 should be dry-blended with pigments or homogenized with the resins and pigments during extrusion to produce a spot powder. You can then dry-blend with the spot powder and the wrinkle base powder to create the stable, effective wrinkle pattern. You are recommended to incorporate 0.8-1.2% T-20 in hybrid system, 0.3-0.6 in epoxy/dicyandiamide system, 0.1-0.6% in epoxy/ matt hardener system.

2. Typical physical data

Appearance	White powder
Soft point (°C)	110-120°C
Bulk density (g/l)	500-600
Volatiles (%)	≤1.0

3. Suggested formulation

Formulation 1		Formulation 2		Formulation 3	
Epoxy	400	Epoxy	800	Epoxy	800
Polyester 50/50	400	Dicyandiamide	35	X68 matt agent	78
MCB	0.5	MCB	0.8	MCB	2
BaSO4	0-150	BaSO4	0-150	BaSO4	0-150
TiO4	80	TiO4	80	TiO4	80
Dry-blend with 0.8-1.2% T-20 and 0.3% pigments		Dry-blend with 0.3-0.6% T-20 and 0.3% pigments		Dry-blend with 0.1-0.3% T-20 and 0.3% pigments	

4. Characteristics

- The size of the texture pattern will be connection with the pill flow of the base powder. Higher pill flow drive larger texture pattern. You are recommended to use epoxy/dicyandiamide base formulation with little quantity of fillers to create the larger crack texture pattern.
- You are recommended to homogenize with T-20 and pigments before dry-blending with the base powder.