



METALTINT

新一代的高透明高鲜艳着色剂

METALTINT® SERIOUS PRODUCTS Polymeric Colorant

METALTINT® serious products are environmentally friendly high-transparency, high-brightness, high-chroma polymeric colorant with excellent non-migration and high-temperature resistance properties. It is compatible with both water and solvent based systems, contains no solid particles, and is suitable for use in coatings, inks, adhesives, glues, cast PU, synthetic leather, leather, textile coatings, and film coatings.

Features and Advantages

- Compatible with both water and solvent based systems, pass Reach Certification
- High transparency, high brightness, and high chroma
- Non-migratory, resistant to both dry and wet rubbing
- Excellent heat resistance, maintaining color stability up to 200°C
- Can produce a metallic luster in certain process, such as matte or suede-finish synthetic leather papers
- Environmentally friendly material
- Does not contain chromium, bromides, or the eight major heavy metals

For enhanced weather resistance, please contact us, we can provide optimized solution.

Physical & Chemical Properties

	Yellow 3601	Black 1601	Orange 5801	Red 2501	Red 2505	Blue 4701	Blue 4705	Violet 6901
Color:	Yellow	Black	Orange	Red	Red	Blue	Blue	Violet
Solid Content:	50±2	50±2	40±2	40±2	60±2	38±2	42±2	38±2
Specific Gravity:	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Solvent:	BCS/MEK/ Special Solvents	BCS/MEK/ Special Solvents	BCS/MEK/ Special Solvents	BCS/MEK/ Special Solvents	BCS/MEK/ Special Solvents	BCS/MEK/ Special Solvents	BCS/MEK/ Special Solvents	BCS/MEK/ Special Solvents

Technical Parameters

Color Migration		Pass	Pass	Pass	Pass	Pass	Pass	Pass
Lightfastness:	Xenon 48hr	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Rubbing Fastness:	Dry	Pass	Pass	Pass	Pass	Pass	Pass	Pass
	Wet	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Thermal Stability:	200°C	Pass	Pass	Pass	Pass	Pass	Pass	Pass

Solubility Table

Water	●	●	●	●	●	●	●	●
DMF	●	●	●	●	●	●	●	●
MEK	●	●	●	●	●	●	●	●
DPM	●	●	●	●	●	●	●	●
DBM	●	●	●	●	●	●	●	●
Butyl	○	○	○	○	○	○	○	○
IPA	●	●	●	●	●	●	●	●
BCS	●	●	●	●	●	●	●	●
IBA	●	●	●	●	●	●	●	●
DBE	●	●	●	●	●	●	●	●
DBE+BAC	●	●	●	●	●	●	●	●
Toluene	○	○	○	○	○	○	○	○
Xylene	○	○	○	○	○	○	○	○
#100	○	○	○	○	○	○	○	○
#200	○	○	○	○	○	○	○	○

Legend: ● Soluble ○ Partially Soluble ○ Insoluble

Application Method Add according to specific formulation or process requirements

Packaging 20kg/Barrel

Notes & Storage Store in a cool, well-ventilated area with the container tightly sealed.

During winter, take appropriate anti-freezing precautions.

Under normal storage conditions, the product shelf life is 2 years.



NEW-TECHEM

www.new-techem.com

For detailed information, please contact our company:
(021)34511781/82/83

Version: 1701-1713 V1 26/07