



METALTINT

Next-Generation High-Transparency, High-Brightness Colorant

METALTINT® Black 1601 Polymeric Colorant

METALTINT® Black 1601 is an 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
- Passed the Reach certification and RoHS 2.0 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 processes, 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 solutions.

Physicochemical Data

Color:	Black
Solid Content:	50±2
Specific Gravity:	1.1
Solvent:	BCS/MEK/ Special Solvents

Technical Parameters

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

Solubility Table

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

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**.



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

Version: 1704 V1 26/07