



TECHNICAL DATA SHEET

COAT M – Specialty Carbon Black

Product Highlights

- Designed for matt (chalk) finish coatings with controlled sheen.
- Ease of dispersion for efficient formulation.
- Offers consistent jetness even in low-gloss systems.
- Stable performance across different resin and coating types.

Applications

- Matt and chalk finish paints
- Powder coatings seeking low sheen
- Industrial and decorative coatings
- Architectural matt finish systems

Typical Properties

Parameter	Unit	Value
Jetness (MY)	—	248
Undertone (dM)	—	8

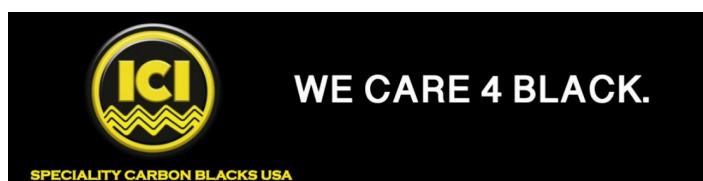
Mass Tone (2%)	—	L*:29.18, a*:0.71, b*:0.61
Tint Strength	%	99.52
Reduction Tone		Bluish tone
Delta E	ΔE^*_{00}	≤ 1.5
Gloss (60°)	—	95–96
Oil Absorption (DBP)	g/100g	348 (318–388)
Tint % of ITRB	%	110
Avg. Primary Particle Size	nm	22
Bulk Density	g/cc	0.156

Performance Narrative

This grade offers excellent jetness, dispersion quality, and optical performance. It supports high-color development, improved undertone, and superior gloss behavior—making it suitable for demanding formulations across automotive, industrial, and powder coatings.

Regulatory & Compliance

- ASTM D 5994 — Yes
- ASTM D 3192 — Yes
- ASTM D 412 — Yes
- EN 253 (Dispersion) — Yes
- Lead Content — Nil (AAS method)



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