

COATINGS

EMPIREX Series

EMPIREX 193

EMPIREX 193 is a medium-colour specialty carbon black balancing good jetness, reliable dispersibility and controlled rheology for industrial and general coatings. Its moderate particle size and structure give dependable colour development with manageable viscosity in both solvent- and water-borne systems.

EMPIREX 193 delivers efficient colour at moderate loading with smooth processing and good batch-to-batch consistency, suited to general industrial finishes, primers and tinting bases. Typical loading is 2-5% on binder with standard dispersion equipment.

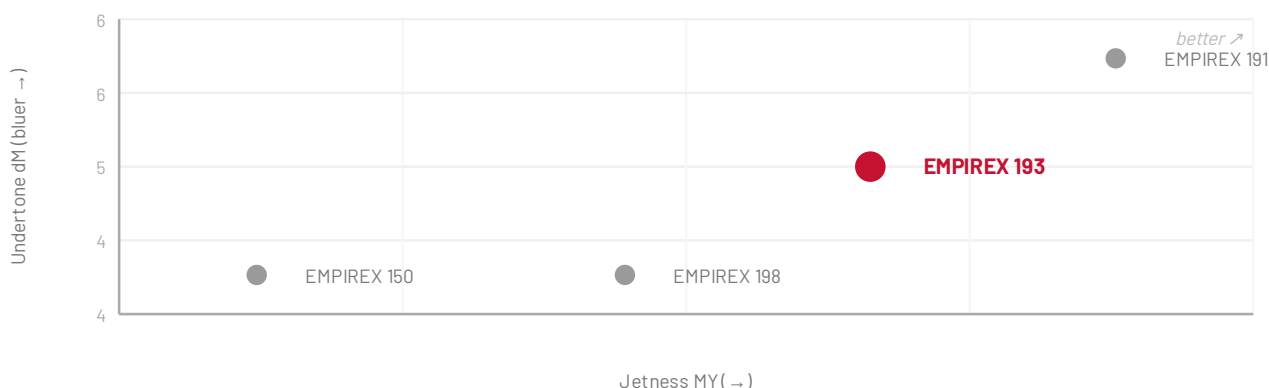
KEY APPLICATIONS

- General industrial & protective coatings
- Powder coatings
- Primers & undercoats
- Tinting bases & colour systems
- Solvent- & water-borne finishes

PERFORMANCE FEATURES

- Balanced jetness & tinting strength
- Reliable dispersibility, controlled viscosity
- Good colour at moderate loading
- Stable in solvent- & water-borne binders
- Consistent batch-to-batch
- Cost-effective, easy handling

Jetness (MY) & Undertone (dM)



TYPICAL VALUE

Test Items	Unit	Standard
Physical Form	-	Bead + Powder
DBP Absorption No.	cc/100g	65 ± 6
BET Surface Area	m ² /g	205 ± 7
PH Value		9.0 ± 1
Tint Strength	%	140 ± 6
Average Original Particle Size	nm	22 ± 2
Volatile Content	%	≥ 1.5

APPLICATION FIELD

Application	Recommended Dosage
Automotive Coatings	3 - 5%
Industrial High-Jet Coatings	3 - 5%
Premium Wood & Coil Coatings	3 - 5%
Pigment Concentrates	5 - 10%
Tinting Bases	1 - 3%
Solvent / Water-Based Coatings	3 - 5%

Recommended dosage (% on binder) can vary depending upon formulation and dispersion conditions.
Physical Form: Bead + Powder | Packaging: 10 kg (powder) / 20 kg (bead) paper or PE bag

ISTAR MATERIALS

Ground Floor, Plot 1/3, Priyadarshini Parisar
 West Yellow Building
 Opp. Hotel Grand Dhillon, Behind IDBI
 Bank Bhilai, Chhattisgarh - 490020, India

Notice and Disclaimer

The data and information provided herein are based on our current knowledge and experience and are believed to be accurate. However, ISTAR MATERIALS cannot guarantee that similar results will be obtained by others as processing conditions and formulations may vary. This information is provided for guidance purposes only and does not constitute a warranty or guarantee of performance.

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