

COATINGS

EMPIREX Series EMPIREX 220

EMPIREX 220 is an economical, low-colour specialty carbon black for general and industrial coatings where easy dispersion, high pigment loading and low mill-base viscosity matter more than maximum jetness. Its large particle size and low structure give dependable colour at low vehicle demand with smooth, workable rheology.

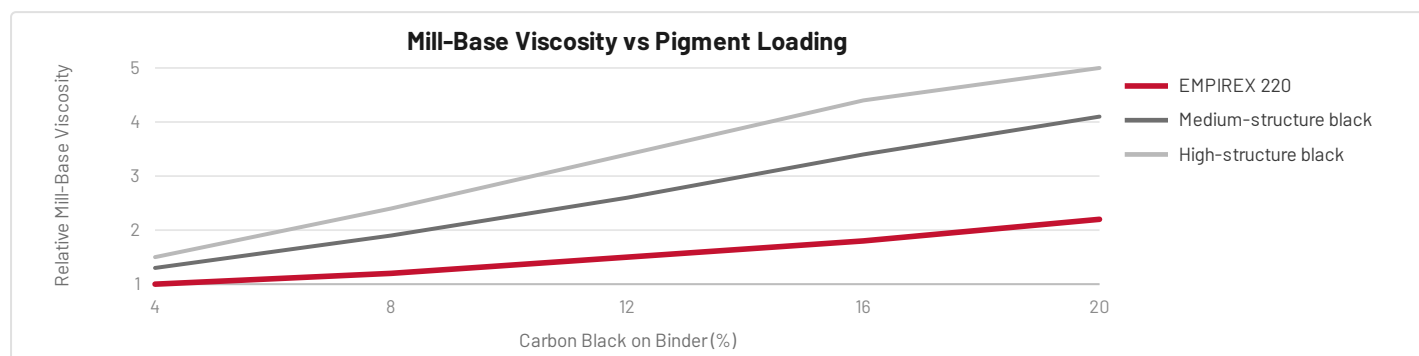
Suited to economical industrial finishes, primers, undercoats and tinting bases, EMPIREX 220 disperses readily, offers excellent rub resistance and good flow, and holds viscosity workable at high carbon loadings in both solvent- and water-borne systems.

KEY APPLICATIONS

- General & industrial coatings
- Primers & undercoats
- Economy industrial finishes
- Tinting & greying bases
- High-loading dispersions
- Construction-related coatings

PERFORMANCE FEATURES

- Low-colour, economical black
- Large particle – very easy dispersion
- Low oil absorption / vehicle demand
- High loading at low viscosity
- Excellent rub resistance
- Good flow & handling



TYPICAL VALUE

Test Items	Unit	Standard
Physical Form	–	Bead
DBP Absorption No.	cc/100g	68 ± 5
BET Surface Area	m ² /g	29 ± 6
pH Value	–	8.0 ± 1
Tint Strength	%	62 ± 6
Average Particle Size	nm	70 ± 2
Volatile Content	%	≥ 0.2

APPLICATION FIELD

Application	Recommended Dosage
General Industrial Coatings	2 – 6%
Primers & Undercoats	3 – 6%
High-Loading Dispersions	up to 20%
Tinting & Greying Bases	1 – 4%
Economy Finishes	3 – 8%
Construction-Related Coatings	3 – 8%

Recommended dosage (% on binder) can vary depending upon formulation and dispersion conditions.

Physical Form: Bead | Packaging: 25 kg paper/PE bag or 750 kg FIBC

ISTAR MATERIALS

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

+91-9301988995

+9196305 20016

info@istarmaterials.com

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.