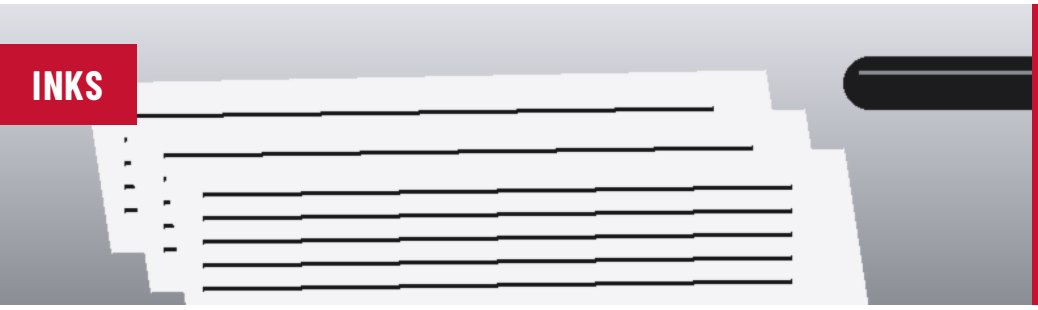
TECHNICAL DATA SHEET



INKS

NOBLEX
Series

NOBLEX 197

NOBLEX 197 is a high-colour ink black delivering high jetness, strong optical density and a clean blue masstone for premium publication gravure, high-end packaging and quality liquid inks. Its fine particle size and balanced structure give deep blacks with excellent coverage and high print gloss on coated and non-porous substrates.

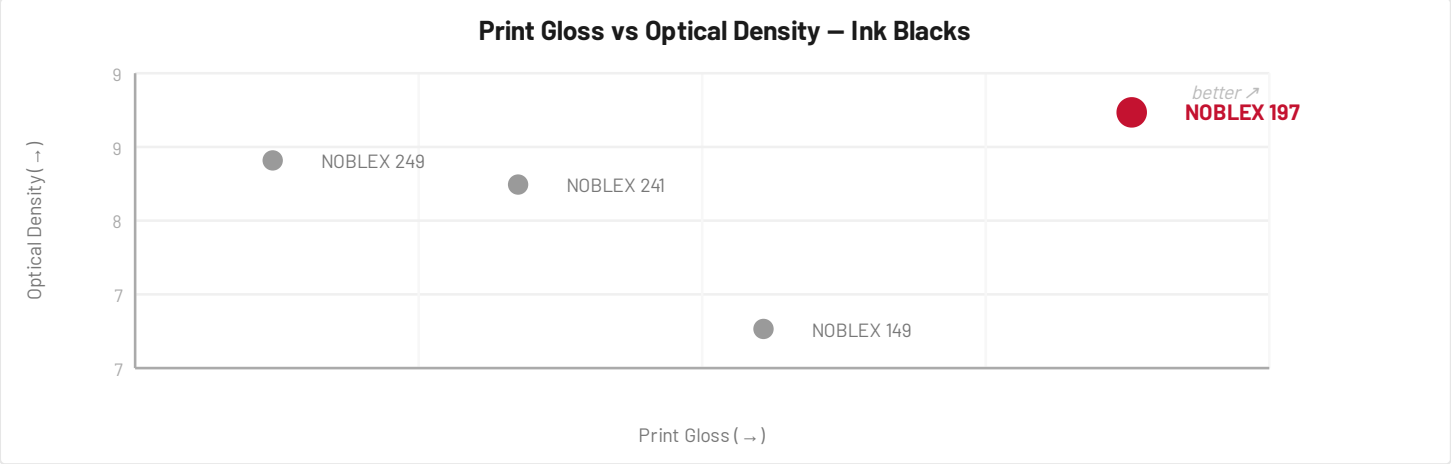
NOBLEX 197 disperses well in solvent- and water-based ink vehicles and supports good flow and rheology at working pigment loadings. It is positioned where maximum jetness, gloss and optical density define print quality; dispersion quality depends on mill type and the dispersant system used.

KEY APPLICATIONS

- Publication gravure inks
- High-end packaging inks
- Premium liquid inks
- High optical-density print
- High-gloss coated-substrate inks

PERFORMANCE FEATURES

- High jetness & optical density
- High print gloss
- Clean blue masstone
- Strong coverage in gravure/packaging
- Good flow at working loadings
- Solvent- & water-based compatible



TYPICAL VALUE

Test Items	Unit	Standard
Physical Form	-	**Powder**
DBP Absorption No.	cc/100g	**102 ± 6**
BET Surface Area	m^2/g	**250 ± 7**
PH Value		**3.0 ± 1**
Tint Strength	%	**140 ± 6**
Average Original Particle Size	nm	**19 ± 2**
Volatile Content	%	**≥ 8.0**

APPLICATION FIELD

Application	Recommended Dosage
Publication Gravure	15 – 20%
Packaging Inks (high jet)	12 – 22%
Premium Liquid Inks	10 – 18%
High-Density Print	12 – 20%
Pigment Concentrates	20 – 35%
Coated-Substrate Inks	12 – 20%

Recommended dosage (% in finished ink) can vary with vehicle, substrate and dispersion conditions.
Physical Form: Powder | Packaging: 10 kg paper or PE bag

ISTAR MATERIALS

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Notice and Disclaimer

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