

INKS

NOBLEX Series

NOBLEX 149

NOBLEX 149 is a low-structure ink black designed to impart very good colour strength and high gloss to lithographic and liquid inks while keeping vehicle demand and viscosity low. It balances jetness, gloss and rheology for high-quality print on non-porous substrates.

NOBLEX 149 suits heat-set and sheet-fed lithographic inks and packaging inks where high gloss, good jetness and low viscosity are essential. It disperses easily and supports stable, high-density print. Smaller-particle blends raise optical density; larger-particle blends deepen blue undertone.

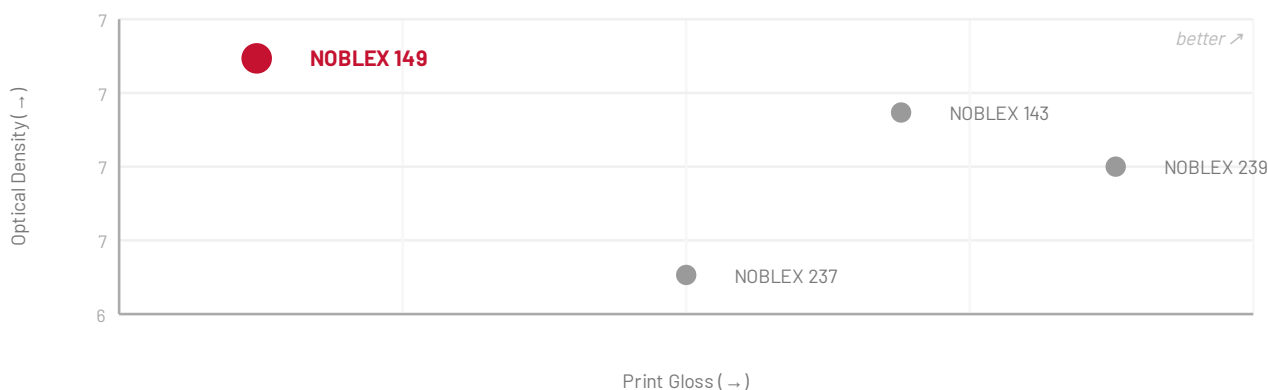
KEY APPLICATIONS

- Heat-set & sheet-fed lithographic inks
- High-gloss packaging inks
- Non-porous substrate printing
- Low-viscosity liquid inks
- High-density print systems

PERFORMANCE FEATURES

- Very good colour strength
- High gloss on non-porous substrates
- Low vehicle demand & viscosity
- Easy dispersion
- Stable rheology
- Ideal for litho gloss inks

Print Gloss vs Optical Density – Ink Blacks



TYPICAL VALUE

Test Items	Unit	Standard
Physical Form	-	Bead + Powder
DBP Absorption No.	cc/100g	60 ± 6
BET Surface Area	m ² /g	130 ± 6
PH Value		9.0 ± 1
Tint Strength	%	120 ± 5
Average Original Particle Size	nm	23 ± 2
Volatile Content	%	≥ 1.0

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: 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
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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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