

INKS

NOBLEX Series

NOBLEX 199

NOBLEX 199 is a regular-colour, lower-structure ink black developed for cost-effective news and coldset printing inks, giving good coverage, optical density and rub-off resistance at economical loadings. Its larger particle size keeps ink viscosity low and dispersion easy.

NOBLEX 199 suits web-offset coldset (newspaper), letterpress and general liquid inks where reliable blackness and rub resistance matter more than maximum jetness. It provides dependable, cost-efficient performance with straightforward processing.

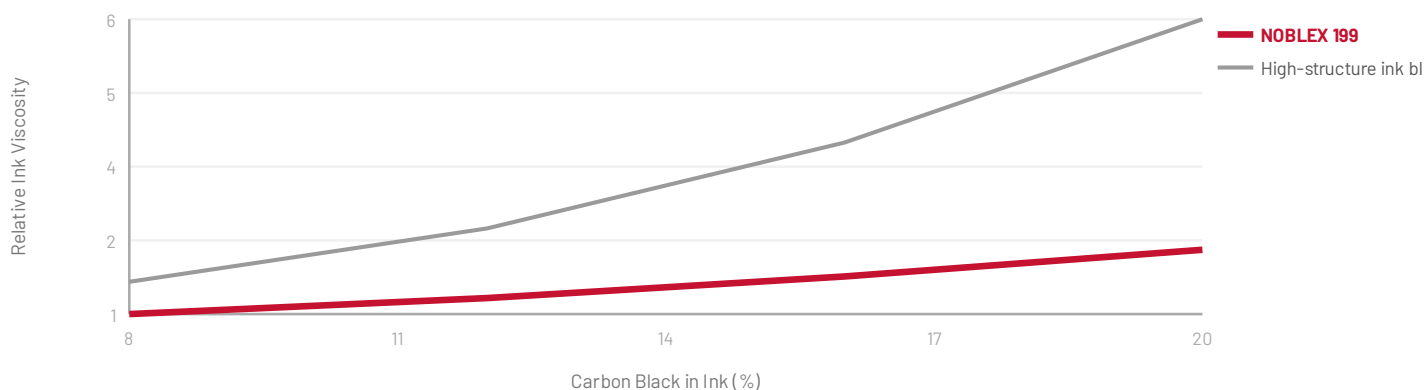
KEY APPLICATIONS

- Web-offset coldset (newspaper) inks
- Letterpress inks
- Economy liquid inks
- Rub-resistant news print
- General black inks

PERFORMANCE FEATURES

- Good coverage & optical density
- Rub-off resistance
- Lower structure, low viscosity
- Easy dispersion (larger particle)
- Economical loading
- Reliable news/coldset performance

Ink Viscosity vs Pigment Loading



TYPICAL VALUE

Test Items	Unit	Standard
Physical Form	-	Bead + Powder
DBP Absorption No.	cc/100g	43 ± 6
BET Surface Area	m ² /g	62 ± 7
PH Value		8.5 ± 1
Tint Strength	%	110 ± 6
Average Original Particle Size	nm	30 ± 2
Volatile Content	%	≥ 1.0

APPLICATION FIELD

Application	Recommended Dosage
Heat-Set Lithographic Inks	12 – 18%
Sheet-Fed Litho Inks	12 – 18%
Packaging Inks (gloss)	12 – 20%
Liquid Inks	10 – 16%
High-Gloss Inks	12 – 18%
Pigment Pastes	15 – 25%

■ 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
 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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