



INKS & COATINGS

ROYALE BLACK[®] PI101

PRODUCT PROFILE

PI101 is a very low structure specialty black designed to exhibit good gloss and jetness for high quality offset and gravure inks. It is available in soft bead form.

PI101 is a blue tone carbon black with very low vehicle demand. Because of its low vehicle demand, it is suitable for applications where highly loaded base is required. It is relatively easy to disperse than other black. This black imparts fast wetting, blue undertone and good dispersion stability of the ink. It has good optical density and is suitable for high quality offset and gravure inks, as well as water-based systems with acrylic and maleic resins. It is also recommended for water-based textile applications. It helps to maintain abrasion resistance of the finished print which is a pre-requisite for packaging ink. It can also be used in pigment paste applications.

TYPICAL VALUE

NSA m ² /g	STSA m ² /g	OAN cc/100g	Tint Strength % ITRB	Sieve Residue 325M, PPM	Heat Loss (As Shipped) %
65	65	44	102	20	0.6

APPLICATION FIELD

TYPICAL APPLICATION	RECOMMENDED DOSAGE
Offset Inks	Upto 15-20%
Gravure Inks	10-15%

- Recommended dosage can vary depending upon end use and modification of other ingredients
- Packaging - 25kg paper bag or 500/1000kg bulk bag

PCBL Limited

Registered Office: 31 Netaji Subhas Road, Kolkata - 700 001, WB, India
Corporate Office: RPSG House, 4th Floor, 2/4 Judges Court Road, Kolkata - 700 027, WB, India
P: +91 33 6625 1443 | F: +91 33 2248 0140/2243 6681 | W: www.pcblttd.com | E: pcbl.specialtyblack@rpsg.in

Revision No. - 02
Issue - Mar. 2023

