

Inks & Coatings



Royale Black – PI101

Product profile

PI101 is a very low structure speciality black designed to exhibit high gloss and moderate jetness for high quality offset 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 ink blacks. This black imparts fast wetting, blue undertone and good dispersion stability of the ink. It has good medium optical density and is suitable for water based systems with acrylic and maleic resins. It helps to maintain abrasion resistance of the finished print which is a prerequisite for packaging ink. It can also be used in liquid powder coating 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) %
76	72	48	102	40	0.6

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

Application Field

Typical Application	Recommended Dosage
Offset Inks	Upto 15-20%
Synthetic Paints	8-15%