

# Inks & Coatings



## Royale Black – PI102

### Product profile

PI102 is also a very low structure speciality black designed to exhibit high gloss, higher jetness with good flow for high quality offset inks. It is available in soft bead form.

PI102 is a blue tone carbon black with very low vehicle demand. 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 <sup>2</sup> /g	STSA m <sup>2</sup> /g	OAN CC/100g	Tint Strength % ITRB	Sieve Residue 325M, PPM	Heat Loss (as shipped) %
114	110	49	119	30	0.5

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%
Liquid Inks	8-15%