

# Wire & Cable



## Royale Black – PC501

### Product profile

PC501 is a cost-effective black for semi-con application. It is an easy processing, ultra clean conductive black designed for use in semi conductive compound for medium voltage power transmission cable application. PC501 contains very low sulfur and low ash content which improves cable life. It provides good surface smoothness and strippability in the semi-conductive compound.

Very low sieve residue and ash content of PC501 prevent washout of any ionisable material which results in initiation of electrical degradation site.

PC501 has very low sulphur content so that it does not react with polymers in the presence of electrical stresses, thereby increasing cable life.

### 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) %
37	36	124	57	18	0.6

### Application Field

Typical Application	Recommended Dosage
Semi-con	Upto 40%

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