



WIRE & CABLE

ROYALE BLACK[®] PC501

PRODUCT PROFILE

PC501 is a cost-effective black for semicon applications. 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 sulphur and low ash 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 ² /g	STSA m ² /g	OAN cc/100g	Tint Strength % ITRB	Sieve Residue 325M, ppm	Heating Loss (As Shipped) %
37	36	124	57	4	0.5

APPLICATION FIELD

TYPICAL APPLICATION	RECOMMENDED DOSAGE
Semi-conductive	Upto 40%

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

PCBL Limited

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