



Royale Black – PC502

Product profile

PC502 has been developed for fully bonded and strippable shield compound for power cable applications. PC502 is an easy processing, ultra clean conductive black designed for use in semi conductive compound for medium voltage power transmission cable application. PC502 contains very low sulphur and low ash content which improves cable life. It provides good surface smoothness and dispersibility in the semi-conductive compound.

Very low sieve residue and ash content of PC502 prevent wash out of any ionisable material which results in initiation of electrical degradation site.

PC502 has very low sulfur 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	Heat Loss (as shipped) %
69	67	140	90	17	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.