



ROYALE BLACK®

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 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	STSA	OAN	Sieve Residue	Heating Loss
m²/g	m²/g	cc/100g	325M, ppm	(As Shipped) %
69	67	142	6	0.6

APPLICATION FIELD

TYPICAL APPLICATION	RECO
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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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