



BLACK DIAMOND MATERIAL SCIENTECH PTE LTD

TECHNICAL DATASHEET

PRODUCT NAME:	CARBON BLACK
GRADE:	PCnoir [®] 83
COLOR INDEX:	PIGMENT BLACK 7
CAS NO.:	1333-86-4
EINECS NO.:	215-609-9

Properties	Data	Standard Regulation
Bet Surface Area (m²/g)	90±5	ASTM/D6556
DBP Absorption (Cc/100g)	55±3	ASTM/D2414
Tint Strength Vs Irb#3 (%)	110±5	ASTM/D3265
Loss Of Heating (Max%)	≤2.0	ISO1126
Ash Contents (Max%)	≤0.5	ASTM/D1506
Volatile Content (%)	≥2.5	DIN 53552
Residues On 45µm (Ppm Max%)	≤50	ISO 1437
pH	3.0±1	ASTM/D1512
Physical Form	Powder	Visual inspection

***RECOMMEND APPLICATION:** Flexographic ink. Gravure ink. etc

***Packing:** 10kgs 3-ply paper bags of Powder form on wood pallet

***Loading Volume of 1 X 20'FCL:** 8mt in 10kgs paper bags of Powder form

Note: This data is provided for reference only, detailing basic physicochemical properties of the product. Final performance must be tested and adjusted according to your intended application.

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