



BLACK DIAMOND MATERIAL SCIENTECH PTE LTD

# TECHNICAL DATASHEET

<b>PRODUCT NAME:</b>	CARBON BLACK
<b>GRADE:</b>	Teknoir <sup>®</sup> S8
<b>COLOR INDEX:</b>	PIGMENT BLACK 7
<b>CAS NO.:</b>	1333-86-4
<b>EINECS NO.:</b>	215-609-9

Properties	Data	Standard Regulation
Bet Surface Area (m <sup>2</sup> /g)	180±20	ASTM/D6556
DBP Absorption (Cc/100g)	330±20	ASTM/D2414
Tint Strength Vs Irb#3 (%)	140±5	ASTM/D3265
Loss Of Heating (Max%)	≤1.0	ISO1126
Ash Contents (Max%)	≤1	ASTM/D1506
Volatile Content (%)	≥1	DIN 53552
Residues On 45µm (Ppm Max%)	≤100	ISO 1437
pH	6.0±1	ASTM/D1512
Volume resistivity (Ω*mm)	≤0.1	GB/T 3782
Physical Form	Powder	Visual inspection

**\*RECOMMEND APPLICATION:**

Antistatic material. Conductive Products, Conductive Coatings, Conductive Inks, Etc

**\*Packing:** 5kgs 3-ply paper bags of Powder form on wood pallet

**\*Loading Volume of 1 X 20'FCL:** 3mt in 5kgs 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.

1 Raffles Place, One Raffles Place Mall, Singapore, 048616

+65 6978 8728

<http://www.bdms-carbonblack.com>

info@bdms-carbonblack.com

