



BLACK DIAMOND MATERIAL SCIENTECH PTE LTD

# TECHNICAL DATASHEET

<b>PRODUCT NAME:</b>	CARBON BLACK
<b>GRADE:</b>	Teknoir <sup>®</sup> A1
<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)	480±20	ASTM/D6556
DBP Absorption (Cc/100g)	116±5	ASTM/D2414
Tint Strength Vs Irb#3 (%)	140±5	ASTM/D3265
Loss Of Heating (Max%)	≤5	ISO1126
Ash Contents (Max%)	≤0.5	ASTM/D1506
Volatile Content (%)	≥10	DIN 53552
Residues On 45µm (Ppm Max%)	≤20	ISO 1437
pH	2.0±0.5	ASTM/D1512
Physical Form	Powder	Visual inspection

**\*RECOMMEND APPLICATION:** OEM Automotive Paint & Automotive Refinish Paint, etc

**\*Packing:** 4kgs 3-ply paper bags of Powder form on wood pallet

**\*Loading Volume of 1 X 20'FCL:** 2.0mt in 4kgs 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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