



BLACK DIAMOND MATERIAL SCIENTECH PTE LTD

TECHNICAL DATASHEET

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| PRODUCT NAME: | CARBON BLACK |
| Grade: | BBnoir [®] 2869 |
| COLOR INDEX: | PIGMENT BLACK 7 |
| CAS NO.: | 1333-86-4 |
| EINECS NO.: | 215-609-9 |

| Properties | Data | Standard Regulation |
|---|--------|---------------------|
| Bet Surface Area (m²/g) | 190±10 | ASTM/D6556 |
| DBP Absorption (Cc/100g) | 60±3 | ASTM/D2414 |
| Tint Strength Vs Irb#3 (%) | 135±5 | ASTM/D3265 |
| Loss Of Heating (Max%) | ≤1.0 | ISO1126 |
| Ash Contents (Max%) | ≤1.0 | ASTM/D1506 |
| Volatile Content (%) | ≥0.5 | DIN 53552 |
| Residues On 45µm (Ppm Max%) | ≤50 | ISO 1437 |
| pH | 10±1 | ASTM/D1512 |
| Physical Form | Beads | Visual inspection |

***RECOMMEND APPLICATION:** Masterbatch, Modified Plastics, Powder Coatings, etc

***Packing:** 20kgs 3-ply paper bags of Beads form on wood pallet

***Loading Volume of 1 X 20'FCL:** 12mt in 20kgs paper bags of Beads 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

