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SPECIALTY CARBON BLACKS

Technical Data / Americas



Forward

Orion Engineered Carbons and its predecessors have been producing Specialty Carbon Blacks since 1935 to meet the most demanding high-performance applications in rubber, coatings, printing inks and polymer systems. We are your single source for the broadest range of Specialty Carbon Blacks anywhere.

Table 1

Analytical Test Methods

Test Method	ISO International Organization for Standardization	DIN German Institute for Standardization	ASTM American Society for Testing and Materials
Method for Determining the Surface Area			
BET Surface Area	ISO 4652	—	D 6556
Iodine Adsorption	ISO 1304	DIN 53582	D 1510
Method for Determining the Structure			
Oil Absorption Number (OAN)	ISO 4656	—	D 2414
Method for Characterizing the Carbon Black Pigment Surface			
Volatile Matter at 950 °C	—	DIN 53552	—
pH Value	ISO 787-9	—	D 1512
Colorimetric Properties			
Tint Strength of Carbon Black	ISO 5435	—	D 3265

Methods are not strictly equivalent



The Americas

- 1 **Borger, TX, USA**
- 2 **Kingwood (Houston), TX, USA (Regional HQ)**
- 3 **Orange, TX, USA**
- 4 **Belpre, OH, USA**
- 5 **Ivanhoe (New Iberia), LA, USA**
- 6 **Paulínia, Brazil**
- 7 **São Paulo, Brazil**

