

# Carbon Black Pigments

Technical Data / Americas



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## Forward

Orion Engineered Carbons and its predecessors have been producing carbon black pigments 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 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
<b>Method for Determining the Surface Area</b>			
BET Surface Area	ISO 4652	—	D 6556
Iodine Adsorption	ISO 1304	DIN 53582	D 1510
<b>Method for Determining the Structure</b>			
Oil Adsorption Number (OAN)	ISO 4656	—	D 2414
<b>Method for Characterizing the Carbon Black Pigment Surface</b>			
Volatile Matter at 950 °C	—	DIN 53552	—
pH Value	ISO 787-9	—	D 1512
<b>Colorimetric Properties</b>			
Tint Strength of Carbon Black	ISO 5435	—	D 3265

Methods are not strictly equivalent





