

SID RICHARDSON CARBON & ENERGY CO.

Fort Worth Research Center

4825 N. Freeway

Fort Worth, TX 76106

Test Prices*Prices Effective August 1, 2016***Carbon Black Analytical Testing for Physicochemical Properties**

ASTM Ref.	Test Method Description	Sample Required (grams)	Price
D2414	Oil Absorption Number (OAN)	100	\$200
D3493	Oil Absorption Number of Compressed Sample (COAN)	100	\$220
D1510	Iodine Adsorption Number	2	\$280
D6556	Total and External Surface Area by Nitrogen Adsorption	2	\$350
D3265	Tint Strength	2	\$270
D1618	Transmittance of Toluene Extract	10	\$210
D1509-B	Heating Loss by Moisture Balance (Moisture)	30	\$130
D1509-A	Heating Loss by Oven Method (Moisture)	30	\$250
D1506-A	Ash Content by Muffle Furnace	10	\$160
D1514	Sieve Residue		
	#35 Mesh (500 µm)	600	\$200
	#325 Mesh (45 µm)	200	\$200
	#500 Mesh (25 µm)	200	\$300
D1508	Pelleted Fines and Attrition	200	\$160
D5230	Automated Individual Pellet Hardness	500	\$250
D1511	Pellet Size Distribution	200	\$230
D1513	Pour Density	500	\$180
D1937	Mass Strength	1000	\$300
D1512	pH Value	10	\$250
D1619-B	Sulfur Content by XRF	10	\$200
--	Iron Content of Carbon Black (Wet Method)	20	\$300
D6370	Compositional Analysis by Thermogravimetry (TGA)	1	\$350
ISO	Aggregate Size Distribution by Disc Centrifuge		
15825	Photosedimentometry (ASD)	1	\$300
--	SEM, Scanning Electron Microscopy		\$500/Hr

Oil Testing Services

ASTM Ref.	Test Method Description	Sample Required	Price
D287	API Gravity of Petroleum Products (Hydrometer Method)	300 ml	\$200
D88	Saybolt Viscosity	100 ml	\$300
D482	Ash from Petroleum Products	75 grams	\$200
D7679	Sulfur Content, Method B: X-Ray Fluorescence	10 grams	\$200
SRCE	Toluene Insoluble Content	10 grams	\$250
D1796	Water and Sediment by the Centrifuge Method	75 ml	\$350
D97	Pour Point of Petroleum Products	50 ml	\$200
D93	Flash Point by Pensky-Martens Closed Cup Tester	150 ml	\$300
SRCE	Carbon, Hydrogen, Nitrogen, and Oxygen Content of Carbon Black Oil	200 ml	\$300

