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Test Methods for Rating Motor, Diesel, and Aviation Fuels; Catalysts; Manufactured Carbon and Graphite Products

Standards and Related Materials Contained in this Volume:

[C559-90\(2005\) Standard Test Method for Bulk Density by Physical Measurements of Manufactured Carbon and Graphite Articles - \(View Full Text\)](#)

[C560-88\(2005\)e1 Standard Test Methods for Chemical Analysis of Graphite - \(View Full Text\)](#)

[C561-91\(2005\) Standard Test Method for Ash in a Graphite Sample - \(View Full Text\)](#)

[C562-91\(2005\) Standard Test Method for Moisture in a Graphite Sample - \(View Full Text\)](#)

[C565-93\(2005\) Standard Test Methods for Tension Testing of Carbon and Graphite Mechanical Materials - \(View Full Text\)](#)

[C611-98\(2005\)e1 Standard Test Method for Electrical Resistivity of Manufactured Carbon and Graphite Articles at Room Temperature - \(View Full Text\)](#)

[C625-95\(2005\) Standard Practice for Reporting Irradiation Results on Graphite - \(View Full Text\)](#)

[C651-91\(2005\)e1 Standard Test Method for Flexural Strength of Manufactured Carbon and Graphite Articles Using Four-Point Loading at Room Temperature - \(View Full Text\)](#)

[C662-70\(2005\) Standard Specification for Impervious Graphite Pipe and Threading - \(View Full Text\)](#)

[C695-91\(2005\) Standard Test Method for Compressive Strength of Carbon and Graphite - \(View Full Text\)](#)

[C709-06 Standard Terminology Relating to Manufactured Carbon and Graphite - \(View Full Text\)](#)

[C714-05e1 Standard Test Method for Thermal Diffusivity of Carbon and Graphite by Thermal Pulse Method - \(View Full Text\)](#)

[C747-93\(2005\) Standard Test Method for Moduli of Elasticity and Fundamental Frequencies of Carbon and Graphite Materials by Sonic Resonance - \(View Full Text\)](#)

[C748-98\(2005\) Standard Test Method for Rockwell Hardness of Graphite Materials - \(View Full Text\)](#)

[C749-92\(2002\) Standard Test Method for Tensile Stress-Strain of Carbon and Graphite - \(View Full Text\)](#)

[C769-98\(2005\) Standard Test Method for Sonic Velocity in Manufactured Carbon and Graphite Materials for Use in Obtaining an Approximate Young's Modulus - \(View Full Text\)](#)

[C781-02 Standard Practice for Testing Graphite and Boronated Graphite Components for High-Temperature Gas-Cooled Nuclear Reactors - \(View Full Text\)](#)

[C783-85\(2005\) Standard Practice for Core Sampling of Graphite Electrodes - \(View Full Text\)](#)

[C808-75\(2005\) Standard Guideline for Reporting Friction and Wear Test Results of Manufactured Carbon and Graphite Bearing and Seal Materials - \(View Full Text\)](#)

[C816-85\(2005\) Standard Test Method for Sulfur in Graphite by Combustion-Iodometric Titration Method - \(View Full Text\)](#)

[C838-96\(2005\) Standard Test Method for Bulk Density of As-Manufactured Carbon and Graphite Shapes - \(View Full Text\)](#)

[C886-98\(2005\) Standard Test Method for Scleroscope Hardness Testing of Carbon and](#)

[Graphite Materials - \(View Full Text\)](#)
[C1025-91\(2005\) Standard Test Method for Modulus of Rupture in Bending of Electrode Graphite - \(View Full Text\)](#)
[C1039-85\(2005\) Standard Test Methods for Apparent Porosity, Apparent Specific Gravity, and Bulk Density of Graphite Electrodes - \(View Full Text\)](#)
[C1179-91\(2005\) Standard Test Method for Oxidation Mass Loss of Manufactured Carbon and Graphite Materials in Air - \(View Full Text\)](#)
[D613-05 Standard Test Method for Cetane Number of Diesel Fuel Oil - \(View Full Text\)](#)
[D909-01e1 Standard Test Method for Knock Characteristics of Aviation Gasolines by the Supercharge Method - \(View Full Text\)](#)
[D1977-03 Standard Test Method for Nickel and Vanadium in FCC Equilibrium Catalysts by Hydrofluoric/Sulfuric Acid Decomposition and Atomic Spectroscopic Analysis - \(View Full Text\)](#)
[D2699-06a Standard Test Method for Research Octane Number of Spark-Ignition Engine Fuel - \(View Full Text\)](#)
[D2700-06 Standard Test Method for Motor Octane Number of Spark-Ignition Engine Fuel - \(View Full Text\)](#)
[D2885-03 Standard Test Method for Determination of Octane Number of Spark-Ignition Engine Fuels by On-Line Direct Comparison Technique - \(View Full Text\)](#)
[D3610-00\(2004\) Standard Test Method for Total Cobalt In Alumina-Base Cobalt-Molybdenum Catalyst by Potentiometric Titration Method - \(View Full Text\)](#)
[D3663-03 Standard Test Method for Surface Area of Catalysts and Catalyst Carriers - \(View Full Text\)](#)
[D3766-86\(2002\) Standard Terminology Relating to Catalysts and Catalysis - \(View Full Text\)](#)
[D3906-03 Standard Test Method for Determination of Relative X-ray Diffraction Intensities of Faujasite-Type Zeolite-Containing Materials - \(View Full Text\)](#)
[D3907-03 Standard Test Method for Testing Fluid Catalytic Cracking \(FCC\) Catalysts by Microactivity Test - \(View Full Text\)](#)
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[D3943-04 Standard Test Method for Total Molybdenum in Fresh Alumina-Base Catalysts - \(View Full Text\)](#)
[D4058-96\(2006\) Standard Test Method for Attrition and Abrasion of Catalysts and Catalyst Carriers - \(View Full Text\)](#)
[D4164-03 Standard Test Method for Mechanically Tapped Packing Density of Formed Catalyst and Catalyst Carriers - \(View Full Text\)](#)
[D4179-01\(2006\) Standard Test Method for Single Pellet Crush Strength of Formed Catalyst Shapes - \(View Full Text\)](#)
[D4180-03 Standard Test Method for Vibratory Packing Density of Formed Catalyst Particles and Catalyst Carriers - \(View Full Text\)](#)
[D4222-03 Standard Test Method for Determination of Nitrogen Adsorption and Desorption Isotherms of Catalysts By Static Volumetric Measurements - \(View Full Text\)](#)
[D4284-03 Standard Test Method for Determining Pore Volume Distribution of Catalysts by Mercury Intrusion Porosimetry - \(View Full Text\)](#)

[D4365-95\(2001\) Standard Test Method for Determining Micropore Volume and Zeolite Area of a Catalyst - \(View Full Text\)](#)

[D4438-85\(2001\)e1 Standard Test Method for Particle Size Distribution of Catalytic Material by Electronic Counting - \(View Full Text\)](#)

[D4463-96\(2006\) Standard Guide for Metals Free Steam Deactivation of Fresh Fluid Cracking Catalysts - \(View Full Text\)](#)

[D4464-00\(2005\) Standard Test Method for Particle Size Distribution of Catalytic Material by Laser Light Scattering - \(View Full Text\)](#)

[D4481-04 Standard Test Method for Total Nickel in Fresh Alumina-Base Catalysts - \(View Full Text\)](#)

[D4512-03 Standard Test Method for Vibrated Apparent Packing Density of Fine Catalyst and Catalyst Carrier Particles and Powder - \(View Full Text\)](#)

[D4513-97\(2006\) Standard Test Method for Particle Size Distribution of Catalytic Materials by Sieving - \(View Full Text\)](#)

[D4567-03 Standard Test Method for Single-Point Determination of Specific Surface Area of Catalysts and Catalyst Carriers Using Nitrogen Adsorption by Continuous Flow Method - \(View Full Text\)](#)

[D4641-94\(2006\) Standard Practice for Calculation of Pore Size Distributions of Catalysts from Nitrogen Desorption Isotherms - \(View Full Text\)](#)

[D4642-04 Standard Test Method for Platinum in Reforming Catalysts by Wet Chemistry - \(View Full Text\)](#)

[D4699-03 Standard Test Method for Vibratory Packing Density of Large Formed Catalyst and Catalyst Particles - \(View Full Text\)](#)

[D4780-95\(2001\) Standard Test Method for Determination of Low Surface Area of Catalysts by Multipoint Krypton Adsorption - \(View Full Text\)](#)

[D4781-03 Standard Test Method for Mechanically Tapped Packing Density of Fine Catalyst Particles and Catalyst Carrier Particles - \(View Full Text\)](#)

[D4782-04 Standard Test Method for Palladium in Molecular Sieve Catalyst by Wet Chemistry - \(View Full Text\)](#)

[D4824-03 Standard Test Method for Determination of Catalyst Acidity by Ammonia Chemisorption - \(View Full Text\)](#)

[D4926-06 Standard Test Method for Gamma Alumina Content in Catalysts Containing Silica and Alumina by X-ray Powder Diffraction - \(View Full Text\)](#)

[D5153-04 Standard Test Method for Palladium in Molecular Sieve Catalyst by Atomic Absorption - \(View Full Text\)](#)

[D5154-05 Standard Test Method for Determining Activity and Selectivity of Fluid Catalytic Cracking \(FCC\) Catalysts by Microactivity Test - \(View Full Text\)](#)

[D5357-03 Standard Test Method for Determination of Relative Crystallinity of Zeolite Sodium A by X-Ray Diffraction - \(View Full Text\)](#)

[D5757-00\(2006\) Standard Test Method for Determination of Attrition and Abrasion of Powdered Catalysts by Air Jets - \(View Full Text\)](#)

[D5758-01 Standard Test Method for Determination of Relative Crystallinity of Zeolite ZSM-5 by X-Ray Diffraction - \(View Full Text\)](#)

[D6175-03 Standard Test Method for Radial Crush Strength of Extruded Catalyst and Catalyst Carrier Particles - \(View Full Text\)](#)

[D6761-04a Standard Test Method for Determination of the Total Pore Volume of Catalysts and Catalyst Carriers - \(View Full Text\)](#)

[D6890-06 Standard Test Method for Determination of Ignition Delay and Derived Cetane Number \(DCN\) of Diesel Fuel Oils by Combustion in a Constant Volume Chamber - \(View Full Text\)](#)

[D7084-04 Standard Test Method for Determination of Bulk Crush Strength of Catalysts and Catalyst Carriers - \(View Full Text\)](#)

[D7085-04e1 Standard Guide for Determination of Chemical Elements in Fluid Catalytic Cracking Catalysts by X-ray Fluorescence Spectrometry \(XRF\) - \(View Full Text\)](#)

[D7170-06a Standard Test Method for Determination of Derived Cetane Number \(DCN\) of Diesel Fuel Oils-Fixed Range Injection Period, Constant Volume Combustion Chamber Method - \(View Full Text\)](#)

[D7206-06 Standard Guide for Cyclic Deactivation of Fluid Catalytic Cracking \(FCC\) Catalysts with Metals - \(View Full Text\)](#)

[D7219-05 Standard Specification for Isotropic and Near-isotropic Nuclear Graphites - \(View Full Text\)](#)

[SI Quick Reference Guide: International System of Units \(SI\) - *The Modern Metric System* - \(View Full Text\)](#)