

## Existing Standards Recognized by Committee D36

The following is a list of existing standards that are currently available for use in the industry. These standards are maintained by ASTM Committee D24 on Carbon Black; however, they can be applied for use in the rCB industry.

In 2017, Committee D36 approved to recognize these standards as acceptable for use in the rCB industry until rCB statistical data is available that may suggest otherwise.

These standards are available on the ASTM website ([www.astm.org](http://www.astm.org)).

If you have any questions regarding this list, please contact Pieter ter Haar at [terhaar@carbon-clean-tech.com](mailto:terhaar@carbon-clean-tech.com).

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D1506 Test Methods for Carbon Black—Ash Content

D1509 Test Methods for Carbon Black—Heating Loss

D1512 Test Methods for Carbon Black—pH Value

D1514 Test Method for Carbon Black—Sieve Residue

D1618 Test Method for Carbon Black Extractables - Transmittance of Toluene Extract

D1619 Test Methods for Carbon Black—Sulfur Content

D7771 Test Method for Determination of Benzo- $\alpha$ -Pyrene (BaP) Content in Carbon Black

D1508 Test Method for Carbon Black, Pelleted Fines and Attrition

D1511 Test Method for Carbon Black—Pellet Size Distribution

D1513 Test Method for Carbon Black, Pelleted—Pour Density

D1937 Test Method for Carbon Black, Pelleted—Mass Strength

D5230 Test Method for Carbon Black—Automated Individual Pellet Hardness

D1799 Practice for Carbon Black—Sampling Packaged Shipments

D1900 Practice for Carbon Black—Sampling Bulk Shipments

D4122 Practice for Carbon Black—Evaluation of an Industry Reference Black

D4821 Guide for Carbon Black—Validation of Test Method Precision and Bias

D5817 Practice for Carbon Black, Pelleted—Reduction, Blending, and Drying of Gross Samples for Testing

D6915 Practice for Carbon Black—Evaluation of Standard Reference Blacks

D2663 Test Methods for Carbon Black—Dispersion in Rubber

D3191 Test Methods for Carbon Black in SBR (Styrene-Butadiene Rubber)—Recipe and Evaluation Procedures

D3192 Test Methods for Carbon Black Evaluation in NR (Natural Rubber)

D3849 Test Method for Carbon Black—Morphological Characterization of Carbon Black Using Electron Microscopy

The Committee has concluded that typical Carbon black characterization methods based on structure level and surface area measurements do not seem to correlate to in-rubber performance in an equal matter for Recovered Carbon Black products. Therefore, the committee does not recommend such test methods for predicting the applications performance of recovered carbon black products. The committee is open to new research that can contradict above statement.