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).

If you have any questions regarding this list, please contact Pieter ter Haar at terhaar@carbon-clean-tech.com.

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-α-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
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.