

WESTCO™ Carbon Black Highly Reinforcing – Tire Grades CAS# 1333-86-4

Technical Data:

These WESTCO™ Carbon blacks are fine particle size, highly reinforcing carbon blacks used most commonly in tire applications. Medium sized, semi-reinforcing grades for use in a variety of rubber compounds. They offer improved tensile strength and modulus as well as increased abrasion resistance in tires and other rubber products. The less reinforcing grades enhance the extrudability and mold flow of compounds while the highly reinforcing grades are recommended for compression molding applications.

Specifications

Appearance: Black Beads/Pellets

ASTM Grade	N220	N231	N234	N326	N330	N339
*Iodine Absorption #, g/kg	114-128	114 - 128	113-127	75-89	75-89	85-95
*DBP Absorption, cc/100g	107-121	86 - 98	118-132	65-79	95-109	115-125
*Heating Loss, % max.	2.5	2.5	2.5	2.5	2.5	2.5
*pH	5.5-8.5	5.5-8.5	5.5-8.5	5.5-8.5	5.5-8.5	5.5-8.5
*Ash, % max.	0.7	0.7	0.7	0.7	0.7	0.7
*325 mesh Sieve, % max.	0.1	0.1	0.1	0.1	0.1	0.1
*Average Pellet Hardness	25-55	20-50	20-50	20-50	20-50	20-50
*Individual Pellet Hardness, max	90	90	90	90	90	90
CTAB Surface Area, m ² /g	102-120	104-118	110-128	74-92	73-91	86-96
Nitrogen Surface Area, m ² /g	112-126	112-128	112-126	71-85	71-85	83-93

* Actual data will be reported on Certificate of Analysis

Packaging: 25 kg paper bags; 500kg & 1000 kg supersacks

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The technical information and suggestions for use contained herein are believed to be reliable, but they are not to be construed as warranties and no patent liability can be assumed.