



# CARBON BLACK

## TECHNICAL SPECIFICATION

### Physical and Chemical Properties

PROPERTIES	MÉTHOD ASTM	UNIT	SPECIFICATIONS
Iodine Number Adsorption	D-1510	mg/g	121 ± 5
Oil Absorption Number (OAN)	D-2414	ml/100g	114 ± 5
Tinting Strength	D-3265	% ITRB	118 ± 5
Moisture	D-1509	%	1.0 Max
5' Ro- Tap Dust	Bags		12.0 Max
	Bulk	D-1508	%
Pour Density	D-1513	Kg/m <sup>3</sup>	352 ± 30
Ash	D-1506	%	0.75 Max
Sieve Residue	35 Mesh		10 Max
	325 Mesh	D-1514	ppm
Individual Pellet Hardness	Max		80 Max
	Average	D-5230	g-f
			50 Max



## **CARBON BLACK**

### **General Description**

N220 is a low particle size Carbon Black.

N220 Carbon Black imparts good resistance to abrasion and wear, to the elastomer in which it is incorporated.

Its average structure provides good processing.

It is an industrial standard for many tire applications and often used as the benchmark in tread wear testing against other carbon blacks.

It is well suited for tire treads that require better wear, tear and cut/chip resistance than offered by ASTM N300 Series.

It has excellent extrusion characteristics, and its dispersion ease makes it factory friendly.

### **Processing Features:**

Its ease of dispersion makes it processing friendly.  
Excellent extrusion properties.

### **Typical Applications:**

Bands of tire bearings for passenger vehicles.

Bands of tire bearings for trucks.

Tires for heavy machinery.

Applications of industrial products, including conveyor belts and molded compounds.

### **Nota:**

Carbon Black for Industrial Applications.

Negroven, S.A. does not endorse the use of its products in any direct application or applications that will be in contact with food, cosmetics or medicines.