



# CARBON BLACK

## TECHNICAL SPECIFICATION

### Physical and Chemical Properties

PROPERTIES	MÉTHOD ASTM	UNIT	SPECIFICATIONS
Iodine Number Adsorption	D-1510	mg/g	43 ± 5
Oil Absorption Number (OAN)	D-2414	ml/100g	121 ± 5
Tinting Strength	D-3265	% ITRB	55 ± 5
Moisture	D-1509	%	1.0 Max
5' Ro- Tap Dust	D-1508	%	12.0 Max
			6.0 Max
Pour Density	D-1513	Kg/m <sup>3</sup>	380 ± 30
Ash	D-1506	%	0.75 Max
Sieve Residue	D-1514	ppm	10 Max
			200 Max
Individual Pellet Hardness	D-5230	g-f	80 Max
			50 Max

**NEGROVEN, S.A.**

**Customer Service**

ISO 9001 - QUALITY MANAGEMENT SYSTEM

ISO 14000 - ENVIRONMENTAL MANAGEMENT SYSTEM

ISO 45001 - OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM



RIF.: J-00050787-2



## **CARBON BLACK**

### **General Description**

N550 is a semi-reinforcing medium sized particle carbon black.

It imparts moderate reinforcement to the elastomer, it also provides low Die Swell and medium high resistance.

Compared to reinforcing carbon blacks, N550 gives easier dispersion, easier processing and higher resilience in rubber, but with lower tensile, tear and abrasion properties.

It is particularly suited for rubber applications which require good extrusion characteristics, low hysteresis with more reinforcement than N600 and N700 carbon black series.

### **Processing Features:**

Its ease of dispersion makes it processing friendly.

Good extrusion characteristics.

### **Typical Applications:**

Extruded rubber articles like hoses and construction profiles

Engine mounts and belt inner layers

Molded rubber parts

Sidewalls and ply skim compounds in passenger car and light truck tires

### **Note:**

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.

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