

NEGROVEN, S.A.

Customer Service

ISO 9001 - QUALITY MANAGEMENT SYSTEM

ISO 14000 - ENVIRONMENTAL MANAGEMENT SYSTEM

ISO 45001 - OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM

The logo for negroven features the word "negroven" in a bold, lowercase, sans-serif font. Above the text is a red and blue graphic element consisting of two overlapping, curved shapes that resemble a stylized flame or a wing.

RIF.: J-00050787-2



# CARBON BLACK

## TECHNICAL SPECIFICATION

### Physical and Chemical Properties

PROPERTIES	MÉTHOD ASTM	UNIT	SPECIFICATIONS
Iodine Number Adsorption	D-1510	mg/g	36 ± 5
Oil Absorption Number (OAN)	D-2414	ml/100g	90 ± 5
Tinting Strength	D-3265	% ITRB	55 ± 5
Moisture	D-1509	%	1.0 Max
5' Ro- Tap Dust	D-1508	Bags	12.0 Max
		Bulk	6.0 Max
Pour Density	D-1513	Kg/m <sup>3</sup>	470 ± 30
Ash	D-1506	%	0.75 Max
Sieve Residue	D-1514	35 Mesh	10 Max
		325 Mesh	200 Max
Individual Pellet Hardness	D-5230	Max	80 Max
		Average	50 Max

NEGROVEN, S.A. POSTAL MAIL 452 VALENCIA 2003, VENEZUELA

Phones.: (58-0241) 8749510 FAX: (58-0241) 8749543

e-mail: negroven@negroven.com

Reason for Revision: General review

Rev.: 25  
Date: Mar 2021



## **CARBON BLACK**

### **General Description**

N660 is a semi-reinforcing carbon black of medium particle size.

It has colloidal properties that lead to moderate rubber reinforcement and low hysteretic properties.

It has low impact on compound viscosity and the phr loading capability is one of the highest for the standard ASTM carbon black series. These characteristics and its normal structure, combined with its median particle size make N660 carbon black particularly suited for rubber applications which do not require very high reinforcement, but will benefit from good dynamic properties, low heat build-up, good elasticity and good processing.

It is used in a wide range of rubber applications and is one of the most commonly used semi-reinforcing products in tire applications.

#### **Processing Features:**

Its ease of dispersion makes it processing friendly.

Good extrusion characteristics.

Good elasticity

#### **Typical Applications:**

Sidewalls and ply compounds in passenger car tires.

Inner liners.

Under-tread and tubes

Hose linings

Engine mounts

Seals and gasket

#### **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.