

NEGROVEN, S.A.
Customer Service

ISO 9001- QUALITY MANAGEMENT SYSTEM

ISO 14000 - ENVIROMENTAL MANAGEMENT SYSTEM

ISO 45001 - OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM

The logo for NEGROVEN, featuring the word "negroven" in a bold, lowercase sans-serif font. Above the text is a red and white graphic element resembling a stylized arrow or a wing, and below it is a blue and white graphic element resembling a stylized arrow or a wing pointing downwards.

RIF.: J-00050787-2



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	Bags	12.0 Max
		Bulk	6.0 Max
Pour Density	D-1513	Kg/m3	375 ± 30
Ash	D-1506	%	0.75 Max
Sieve Residue	D-1514	35 Mesh	0
		120 Mesh	20 Max
		325 Mesh	50 Max
Individual Pellet Hardness	D-5230	Max	80 Max
		Average	50 Max

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

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Reason for Revision: General Review

Rev.: 08
Date: Mar 2021

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CARBON BLACK

General Description

N550 Gold Carbon Black is medium-sized particle.

It imparts moderate reinforcement to the elastomer where it is incorporated.

Its excellent cleaning characteristics makes it suitable for the automotive weather strips production.

It can be used in various applications in the tire casing, where modulus and moderate reinforcement and good processing characteristics are required. It also provides low "Die Swell" and medium high resistance. Its low structure provides great stability in the dimensions of fast calendering and extrusions.

It is the most reinforcing degree of all degrees of non-reinforcement.

It is used in side bands, in carcasses and chambers of tires, in cable sheaths, belts, hoses and mechanical parts made by extrusion or calendering.

It is also used in plastics and replaces the "lampblacks" and inks, which imparts a matte finish.

Operating Features:

Ease dispersion properties

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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