

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 blue graphic element consisting of two overlapping shapes that resemble a stylized 'N' 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 | 30 ± 5 |
| Oil Absorption Number (OAN) | D-2414 | ml/100g | 65 ± 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 | 8.0 Max |
| Pour Density | D-1513 | Kg/m3 | 540 ± 40 |
| 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.: 07
Date: Mar 2021

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CARBON BLACK

General Description

N772 is a Semi-Reinforcing carbon black. Has a lower surface area and lower structure than ASTM N500 and N600 carbon blacks.

It can be used in a wide range of industrial rubber product applications, particularly in applications requiring low modulus, low compression set, good resilience and high carbon black loadings.

The higher carbon black loadings contribute to reduced swelling in adverse environments and reduced permeability. When used in association with mineral fillers offers a good compounding alternative to Thermal Blacks.

Operating Features:

Compared to ASTM N550 and N660 carbon blacks at same phr loading, imparts to rubber compounds:

- reduced viscosity and less heat generation in processing,
- increased die swell and extrusion shrinkage,
- higher resilience and electrical resistivity,
- lower modulus

Typical Applications:

Gaskets, seals, windscreen wiper blades, engine mountings and hose linings
Tire tube and inner-liner compounds

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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