ISO 9001- QUALITY MANAGEMENT SYSTEM

ISO 14000 - ENVIROMENTAL MANAGEMENT SYSTEM

ISO 45001 - OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM



RIF.: J-00050787-2



Reason for Revision: General review

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	D-1508	%	12.0 Max
	Bulk			6.0 Max
Pour Density		D-1513	Kg/m³	352 ± 30
Ash		D-1506	%	0.75 Max
Sieve Residue	35 Mesh	D-1514	ppm	10 Max
	325 Mesh			200 Max
Individual Pellet Hardness	Max	D-5230	g-f	80 Max
	Average			50 Max

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NEGROVEN, S.A. Customer Service

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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:

Reason for Revision: General review

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.

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