



CARBON BLACK

TECHNICAL SPECIFICATION

Physical and Chemical Properties

PROPERTIES	MÉTHOD ASTM	UNIT	SPECIFICATIONS
Iodine Number Adsorption	D-1510	mg/g	82 ± 5
Oil Absorption Number (OAN)	D-2414	ml/100g	72 ± 5
Tinting Strength	D-3265	% ITRB	111 ± 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 ³	480 ± 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



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General Description

N326 is a reinforcing carbon black, has the lowest structure of the ASTM N300 carbon black series with relatively high surface area similar to N330, suitable for rubber products that need high tear strength, low viscosity and long scorch times.

Its low structure makes it an ideal substitute for acidic channel blacks.

It is used in tire casing, mountain tire treads and solid industrial tires.

It is also used in inks, paints and plastics, where it has high staining strength and provides good luster.

Processing Features:

Excellent resistance of the unvulcanized compound.

Low viscosity resulting in excellent resistance to scorch.

Low structure and relatively high surface area, impart high elongation and good resistance to tearing.

Typical Applications:

Tires for passenger vehicles with tread with coated steel.

Tires for truck, with tread and casing with coated steel.

Applications of industrial products that require a unique processing or characteristics of high resistance to tearing.

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.