



CARBON BLACK

TECHNICAL SPECIFICATION

Physical and Chemical Properties

PROPERTIES	MÉTHOD ASTM	UNIT	SPECIFICATIONS
Iodine Number Adsorption	D-1510	mg/g	90 ± 5
Oil Absorption Number (OAN)	D-2414	ml/100g	114 ± 5
Tinting Strength	D-3265	% ITRB	114 ± 5
Moisture	D-1509	%	1.0 Max
5' Ro- Tap Dust	D-1508	%	12.0 Max
			6.0 Max
Pour Density	D-1513	Kg/m ³	360 ± 30
Ash	D-1506	%	0.75 Max
Sieve Residue	D-1514	ppm	10 Max
			200 Max
Individual Pellet Hardness	D-5230	g-f	80 Max
			50 Max



CARBON BLACK

General Description

N-375 is a reinforcing Carbon Black.

It gives better elongation, cut/chip and tear properties to rubber than ASTM N330, N339 and N347 carbon black.

It gives lower compound viscosity and modulus than that imparted by ASTM N339 carbon black.

It is particularly suited for tire treads that require good wear resistance with improved cut/chip resistance.

The product is also well-suited for tire inner part applications, including side wall and bead/apex.

It is also recommended for conveyor belts, solid tires, and other industrial rubber products requiring good abrasion resistance with good cut/chip resistance and without high hysteresis.

Processing Features:

Its ease of dispersion makes it processing friendly.

Typical Applications:

Treads of passenger and truck tires

Inner tire parts including side wall, base/under-tread and bead/apex

Truck tire re-treads

Solid tires

Seals

Moldings

Hose covers

Conveyor belts

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.