



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	114 ± 5
Tinting Strength	D-3265	% ITRB	55 ± 5
Moisture	D-1509	%	1.0 Max
5' Ro- Tap Dust	Bags	%	12.0 Max
	Bulk		6.0 Max
Pour Density	D-1513	Kg/m ³	390 ± 30
Ash	D-1506	%	0.75 Max
Sieve Residue	35 Mesh	ppm	10 Max
	325 Mesh		100 Max
Individual Pellet Hardness	Max	g-f	80 Max
	Average		50 Max



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General Description

N550T is a semi-reinforcing medium sized particle carbon black.

It imparts moderate reinforcement to the elastomer, it also provides low Die Swell and medium high resistance.

Compared to reinforcing carbon blacks, N550 gives better dispersion, easier processing and higher resilience in rubber, but with lower tensile, tear and abrasion properties.

It is particularly suited for rubber applications which require good extrusion characteristics, low hysteresis with more reinforcement than N600 and N700 carbon black series.

Processing Features:

Its ease of dispersion makes it processing friendly.
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.