



MAINCHIN
Chemicals for all

CARBON BLACK N550

Furnace Black

Product Description

Carbon Black N550 is low surface area and high structure fast extruding furnace black grade offers moderate resilience. Fast pressing black FEF. Carbon Black N550 is suitable for natural rubber and synthetic rubber, easy to disperse, can give the rubber a high stiffness, fast extrusion speed, small mouth expansion, and smooth extrusion surface. The vulcanizate has good high temperature resistance and thermal conductivity, as well as better reinforcement, elasticity and recovery. When this product is used in butyl rubber inner tubes, it is best to use it together with Carbon Black N660.

Physical & Chemical Properties

The iodine absorption value is 43g/kg, DBP121cm³/100g, the particle surface is smooth, and the structure is high. Among the soft carbon blacks, its reinforcing ability is the highest.

Quality

Property	Unit	Typical value
STSA	m ² /g	39
Iodine Adsorption Number	g/kg	43
OAN	cm ³ /100g	121
COAN	cm ³ /100g	85
Tint Strength	Tint Unit	58
Ash Content	%	≤ 0.75
Heating Loss	%	≤ 1.5

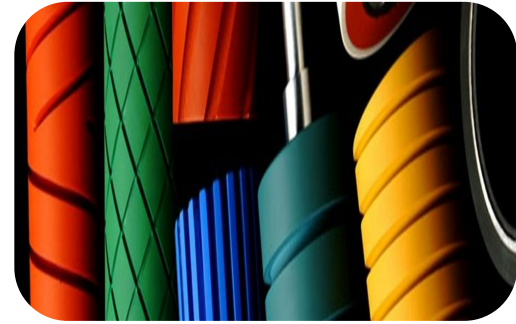
Packing

Packing Mode	Per Unit Quantity (Kg)	No of Bags / 40 ft Container
Paper Bag	25	880
Big Bag	900	22
Jumbo Bag	1000	22

Application

Carbon Black N550 features moderate wear resistance, good rubber processing and good extrusion performance which can be used in tire inner liners, tubing, carcass, profiles, hoses, hose covers, cable jacketing and plastic conduit compounds requiring excellent dimensional stability. Carbon Black N550 mainly used in Tire and all types of Rubber Products.

For more information and order, please send us email to carbon.black@mainchingroup.com and visit our websites <https://mainchingroup.com/products/>



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