

Technical Data Sheet

Carbon Black N-550

Carbon black N550 is black bead or granular or grain and amorphous solid, it is odorless with burning point more than 400°C, water insoluble, non-poisonous, stable chemical properties, excellent weather and light fastness.

Applications:

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.

Products Specification	Value
Iodine Number(mg/g)	43±5
DBP Absorption(ml/100g)	121±5
Oil Absorption Number of Compressed sample	85±5
Pour Density(g/l)	380±20
Heating Loss (%)	1
Toluene solvent Discoloration (%)	75
PH	7.5-9
Fines Content (Bag)(%)	10
Fines Content (Big Bag)(%)	7
Individual Pallet hardness-max 20	50
Individual Pallet hardness-ave 20	10-40
Sieve Residue-No 35 US Std max,(ppm)	10
Sieve Residue-No 35 US Std max,(ppm)	1000
Ash Content (%)	0.75
Sulphur (%)	2
NSA(m ² /g)	40±5
STSA(m ² /g)	39±5
Tint Strength (%)	---
Particle size(nm)	40-48