

DATE: 2024-2025

Arena Code: AS10798/SDFS-CR BLACK N550

Producer and Supplier in the fields of Chemical ,Oil ,Gas and Petrochemical industries

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, tubbing, 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 |



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