

N550

Product Datasheet

N550 is a carcass grade carbon black with high structure and lower surface area. It is used in tyre cord layers, sidewall and extruded and calendered rubber products. N550 is suitable for natural rubber and synthetic image rubber. It is easy to disperse and can provide high stiffness, fast extrusion speed, smooth extrusion surface, small mouth expansion, good heat resistance and thermal conductivity of vulcanizate, and good reinforcing, elasticity and resilience. N550 is best used with N660 for butyl rubber inner tube.

APPLICATIONS

- ◆ General carcass of tyres
- ◆ Sidewall compounds of tyres
- ◆ Profiles
- ◆ Coolant hoses
- ◆ Fuel hoses
- ◆ Non-automotive hoses
- ◆ Industrial conveyor belts
- ◆ Timing belts
- ◆ Drive belts
- ◆ Mechanical rubber goods
- ◆ Roofing compounds
- ◆ Gaskets and O-rings
- ◆ Solid tyres
- ◆ Cable jackets

PERFORMANCE

- ◆ Provides good extrusion properties
- ◆ Offers better processing properties
- ◆ Has excellent dimensional stability for compounds

TYPICAL QUALITY PROPERTIES

Property	Unit	Typical value
NSA	m ² /g	40
STSA	m ² /g	39
COAN	ml/100g	85

PACKAGING

Packing Type	Quantity
Paper bags	25 Kg per bag
Bulk bags	1100 Kg per bag

PRODUCT FORM AND SAFETY DATA

- ◆ The product is in the form of pellet with a lesser fines percentage
- ◆ Safety data sheet provides the guidelines for handling and usage

TECHNICAL AND SALES CONTACT

HEAD OFFICE

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