N660

Product Datasheet

N660 is a general-purpose furnace carcass grade carbon black with medium structure and lower surface area. It is used for tyre belt or cord layer, inner tube, bicycle tyre, rubber hose, tape, cable, footwear and calendering products, model products. N660 is suitable for all kinds of rubber. Compared with semi-reinforced carbon black, it has higher structure, slightly finer particles and is easy to disperse in rubber. The tensile strength, tear strength and elongation stress of vulcanizate are higher, while the deformation is smaller, heat generation is lower, elasticity and flexibility are good. It is a medium-dispersive and medium-active carbon black with low-structure. N660 provides higher die-swell, high resilience at relatively high hardness and used as compounds for tyre carcass as well as tubes. It can be used in large quantity and is applicable for moulded goods, extruded goods, industrial rubber goods, sleeves as well as for one-layer roofing system with isolating cable rubbers.

APPLICATIONS

- Inner liner of tyres
- Tubes
- Sidewall compounds of tyres
- Class B profiles
- Coolant hoses
- Fuel hoses
- Non-automotive hoses
- Timing belts
- Drive belts
- Mechanical rubber goods
- Gaskets and O-rings
- Shoe soles
- Plastic masterbatches

PERFORMANCE

- Provides medium reinforcement
- Has good processability
- Offers lower heat buildup in compounds
- Has higher fatigue life in compounds

TYPICAL QUALITY PROPERTIES

Property	Unit	Typical value
NSA	m2/g	35
STSA	m2/g	34
COAN	ml/100g	74

PACKAGING

Packing Type	Quantity
Paper bags	25 Kg per bag
Bulk bags	1250 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

enquiry@epsiloncarbon.com

HEAD OFFICE

Upadrastha House, 48, Dr. V. B. Gandhi Marg, Fort, Mumbai – 400023 INDIA Contact number: +91-22-22712800