

**Technical Data Sheet
Carbon Black-N660**

Other Name: General Purpose Furnace Black ; GPF

Physical & Chemical Properties: Its iodine adsorption value is 36 g/kg, and DBP adsorption is 90cm³/100g. N660 has high tensile stress, good processing performance, high rebounding performance and high flexibility. It is widely used in various fields.

Application: Carbon black N660 is used in fabric cord of tire, inner tire, bicycle tire, hose, belt, cable, shoes, extrusion compounds and rolling compounds.



Performance Features

- Moderate modulus
- Good flex fatigue resistance
- Low heat buildup

Typical Applications

- Carcass
- Inner tube
- Tire sidewall
- Conveyor belt covers
- Hose
- Cots
- Rubber products
- Ink
- Coating
- Plastics
- Printing and dyeing

Test Items	Unit	Index
Iodine Adsorption Number	g/kg	36±4
Oil absorption Number(OAN)	10 ⁻⁵ m ³ /kg	90±5
Crushed OAN (COAN)	10 ⁻⁵ m ³ /kg	69-79
CTAB absorption surface Area-N ²	10 ³ m ² /kg	31-41
STSA	10 ³ m ² /kg	34±5
N2SA	10 ³ m ² /kg	31-39
Tint Test, Reflectance From ITRB	%	-----
Moisture, Bulk& Bag (as shipped)	%	≅ 1.5
Ash content	%	≅ 0.5
45µm Sieve residue	%	≅ 0.05
Impurity	/	None
Fines/Attrition	%	≅ 8
(Note I)(25g,No.120 US Std Sieve)		
Pour density	kg/m ³	440±40
300% stretching stress (SRB7#)	Mpa	-2.3±1.0