

**Technical Data Sheet
Carbon Black-N339**

Other Name: High Abrasion Furnace Black-high Structure (New technology) ; HAF-HS (New technology)

Physical & Chemical Properties: Its iodine adsorption value is 90 g/kg, and DBP adsorption is 120cm³/100g. Compared to N330, N339 has higher structure, smaller particles. The N339 compound has better abrasion and crack resistance than those of high abrasion furnace black – high structure (old technology) such as N347.

Application:N339 is used in the tread compounds of passenger tire and truck tire, coating compounds of conveyor belt, hose and industrial compounds with high abrasion properties.



Performance Features

- Moderately high reinforcement
- Good abrasion resistance
- High modulus

Typical Applications

- Passenger and truck tire treads
- Carcass
- Tire sidewall
- Conveyor belt covers

Test Items	Unit	Index
Iodine Adsorption Number	g/kg	90±5
Oil absorption Number(OAN)	10 ⁻⁵ m ³ /kg	120±5
Crushed OAN (COAN)	10 ⁻⁵ m ³ /kg	94-104
CTAB absorption surface Area-N ²	10 ³ m ² /kg	87-99
STSA	10 ³ m ² /kg	88±5
N2SA	10 ³ m ² /kg	86-96
Tint Test, Reflectance From ITRB	%	106-116
Moisture, Bulk& Bag (as shipped)	%	≦2.0
Ash content	%	≦0.5
45µm Sieve residue	%	≦0.05
Impurity	/	None
Fines/Attrition (Note I)(25g,No.120 US Std Sieve)	%	≦8
Pour density	kg/m ³	345±40
300% stretching stress (SRB7#)	Mpa	0.6±1.0