

**Technical Data Sheet
Carbon Black-N375**

Other Name: High abrasion furnace black-high structure (New technology) ; HAF-HS (New technology)

Physical & Chemical Properties: Carbon black N375 is another grade of high abrasion furnace black with high structure (new technology). Its structure is a little lower than N339, and its properties are similar as N339. Its iodine adsorption value is 90 g/kg, and DBP adsorption is 114cm³/100g.

Application: The application of carbon black N375 is similar as N339, mainly used in the tread compounds of passenger tire, truck tire and cross-country tire. It is also used in coating compounds of conveyor belt.



Performance Features

- High modulus
- High hardness
- Good processing characteristics

Typical Applications

- Passenger and truck tire tread
- Carcass
- Tire sidewall
- Conveyor belt covers
- Rubber products
- Ink
- Coating
- Plastic

Test Items	Unit	Index
Iodine Adsorption Number	g/kg	90±5
Oil absorption Number(OAN)	10 ⁻⁵ m ³ /kg	114±5
Crushed OAN (COAN)	10 ⁻⁵ m ³ /kg	91-101
CTAB absorption surface Area-N ²	10 ³ m ² /kg	90-102
STSA	10 ³ m ² /kg	191±5
N2SA	10 ³ m ² /kg	88-98
Tint Test, Reflectance From ITRB	%	109-119
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	355±40
300% stretching stress (SRB7#)	Mpa	0.4±1.0