

CHEMICALSTORE.COM

1059 Main Avenue, Clifton, NJ 07011

Tel: (973) 405-6248

Product Information/ Analysis

Description

Type:	Carbon Black, Furnace Black
Form:	Powder
Chemical Class:	C
CAS-Number:	1333-86-4
EINECS No. :	215-609-9
Product Code:	CARBONB
Lot Number:	Q4C1010 (from master lot# 0000508974)
Manufacturing/ Expiration Date:	Unknown/ Does not have

Characteristic	Unit	Method	Value	Min	Target	Max
Iodine Absorption Number	g/kg	ASTM D1510	70.0	65.0	70.0	75.0
Oil Absorption Number	cc/100	ASTM D2414	46.7	38.0	43.0	48.0
Sieve Residue (325M %)	%	ASTM D1514	0.0008	0.0000	0.0000	0.0100
Tint Strength, IRB=100%	%	ASTM D3265	99.8	94.00	99.0	104.0
Apparent Density	g/cc	Typical	0.37	0.30	0.37	0.44
Average Particle Size	nm	Typical	31			

Key features

- pH: ≥ 6.5 , Concentration: 50 g/l (20 °C)(68°F)
- Can burn or smolder at temperatures greater than 752°F (400°C)
- Melting point/range: $> 3,000^{\circ}\text{C}$ or $> 5,432^{\circ}\text{F}$
- Boiling point/range: $> 3,000^{\circ}\text{C}$ or $> 5,432^{\circ}\text{F}$
- Carbon black pigment is black and odorless. It is recommend for colored printing inks, non-impact printing, coatings, paints and lacquers, plastics, spinning fibers, and other special applications.

Notice:

By providing the above data, we do not make any express or implied warranty, weather for specific properties of the product or for fitness for a particular application or purpose. It is the sole liability of the customer and user to test and qualify the product prior to use.

Approved by

Quality Control Manager

05/05/2025

Storage and expiration:

- Store in a dry and cool location and away from sunlight.
- Keep container closed. Product does not expire or expiration depends on the application and quality requirements.
- Test and confirm the quality prior to use

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- Retest prior to use.