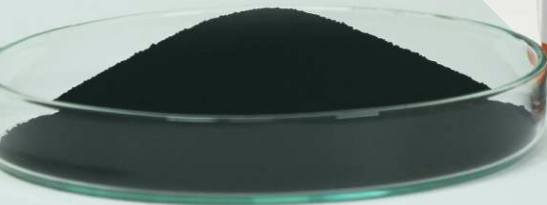


CARBON BLACK NANOPOWDER



Purity
99.9%

C



Follow us:

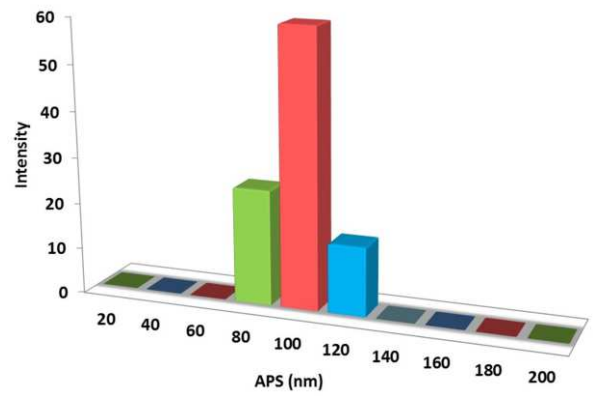
[f](#) [@](#) [t](#) [in](#) | www.nanoshel.com | sales@nanoshel.com

NS6130-03-396

NEXT

CARBON BLACK NANOPOWDER

Carbon black is available in the form of colloidal particles and also it is also an elemental carbon with chemical formula C. It is produced by the incomplete combustion process or the thermal combustion of liquid or gaseous hydrocarbons and this process occurs under the controlled conditions. It has high surface area to volume ratio and it is form of paracrystalline carbon. It is widely used for diesel oxidation experiments. Carbon black is also used as reinforced filler in rubber products and in tires. It also utilized in tires to conduct heat away from the belt area of the tire and also reduce thermal damage. It is employed as a color pigment in plastics, paints, and inks. It has various applications in electronics due to its good electric conductivity. This compound is also utilized as antistatic additive agent in pipes and automobile fuel caps.



ADDITIONAL POWDER CHARACTERISTICS

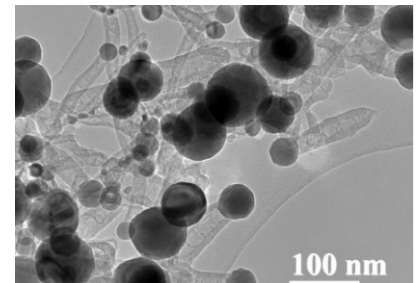
Stock No.	Purity	APS
NS6130-03-396	99.9%	100nm

TECHNICAL SPECIFICATION

Molecular Formula	Molecular Weight	Density	Melting Point
C	12.01 g/mol	1.8-2.1 g/cm ³	3697 °C

CHEMICAL COMPOSITION

Product	Weight Percent (nominal)	
	C	Other Metal
Carbon Black Nanopowder	99.9%	1000ppm



APPLICATIONS

- > Used as filler in the rubber industry, such as conveyor belts, flexible tubes
- > Employed in printing inks, India inks,
- > Utilized in paints and varnishes,
- > Used for dyeing
- > For UV protection of plastics
- > Utilized in mascara, flower soil, decor paper, and fibers.
- > Used in the electrical industry to manufacture electrodes and carbon brushes.

QuickFACTS

Product	:	Carbon Black Nanopowder
Stock No	:	NS6130-03-396
CAS	:	1333-86-4
Color	:	Black
Form	:	Powder
Symbol	:	C



20ZICE4589C



19ZAZGO1274G



20ZICE4588M

ISO 9001:2015
CERTIFIED COMPANY

INTELLIGENT MATERIALS PVT LTD
Derabassi
Punjab (140507)
INDIA

+91 9779 550077, 9779238252

NANOSHEL UK LIMITED
Chapel House,
Chapel St Cheshire,
CW12 4AB United Kingdom

+44 1782 454 144, +44 74 105 48802

NANOSHEL LLC
3422 Old Capitol Suit
1305 Wilmington DE - 19808
United States

+1 646 470 4911