



Detonation Nanodiamond, Fe-doped

Cat. No. NDN-249

Lot. No. (See product label)

Product Name	Detonation Nanodiamond, Fe-doped
Common Name	Nanodiamond; Detonation nanodiamond; ND; DND
Synonyms	Nanodiamond; Detonation nanodiamond; ND; DND
Description	Nanodiamonds are diamonds with a size below 1 micrometre. They can be produced by impact events such as an explosion or meteoritic impacts. Because of their large-scale synthesis, potential for surface functionalization, and high biocompatibility, nanodiamonds are widely investigated as a potential material in biological and electronic applications and quantum engineering.
Morphology & Appearance	Powder
Size	3.5-6.0 nm
Purity	>99%
CAS Number	7782-40-3
Source	Synthesis
Storage	Store at room temperature.
Application	For optic coatings & magnetic nanofluids, bio-research

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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