



Red Fluorescent Nanodiamond, PEG (0.1%, 140nm)

Cat. No. NDN-228

Lot. No. (See product label)

Product Name	Red Fluorescent Nanodiamond, PEG (0.1%, 140nm)
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	Liquid
Size	140nm
Purity	>99%
CAS Number	7782-40-3
Source	Synthesis
Storage	Store at room temperature.
Concentration	1mg/ml

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

www.matexcel.com

Address: SUITE 210, 17 Ramsey Road, Shirley, NY 11967

Email: info@matexcel.com Tel: 1-631-869-4956 Fax: 1-631-910-2166