

E U.S. DEPARTMENT OF ENERGY ISOTOPE PRO

I NATIONAL ISOTOPE DEVELOPMENT CENTER

## **Product Information**

Specifications Plutonium-238 Half-Life/Daughter 87.7 years to uranium-234 Decay **Decay Radiation Information (NNDC) Chemical Form** Oxide powder **Radioisotopic Purity** >99% by weight **Radionuclide Purity** >99% by weight **Production Route** Transmutation of neptunium-237 by neutron capture Processing Transuranic processing **Primary Container** Glass screw cap bottle in nonreturnable container Availability Stock Unit of Sale Milligrams

## **Other Information**

Classed as a nuclear material requiring documentation of transfer (DOE/NRC Form 741)

National Isotope Development Center contact@isotopes.gov | (865) 574-6984 | www.isotopes.gov