

Plutonium-240 Product Information

Specifications

Radioisotope	Pu-240
Half-Life/Daughter	6561 years to uranium-236
Decay	Decay Radiation Information (NNDC)
Chemical Form	Oxide powder
Radionuclidic Purity	>99%
Radioisotopic Purity	99–81 wt% Pu-240, <1–19% other Pu isotopes (238, 239, 241, 242)
Production Route	Transmutation of Neptunium or processing of curium-244 for plutonium-240
Processing	None
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)