

# Plutonium-238 Product Information

## Specifications

<b>Radioisotope</b>	<b>Pu-238</b>
<b>Half-life/Daughter</b>	87.7 years to uranium-234
<b>Decay</b>	<a href="#">Decay Radiation Information (NNDC)</a>
<b>Chemical Form</b>	Oxide powder
<b>Radionuclidic Purity</b>	>99% by weight
<b>Radioisotopic Purity</b>	>99% by weight
<b>Production Route</b>	Transmutation of neptunium-237 by neutron capture
<b>Processing</b>	Transuranic processing
<b>Primary Container</b>	Glass screw cap bottle in nonreturnable container
<b>Availability</b>	Stock
<b>Unit of Sale</b>	Milligrams

## Other Information

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