

5N Selenium Granules



NIPPON RARE METAL, INC.

1) Typical Impurities Specs (Se purity: 99.999%+ for both grades)

unit: ppm

Element	Al	As	Bi	Cd	Cr	Cu	Te	Fe	Hg	Ni	Pb	Sb	Zn	S
X-ray Sensor Grade	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Solar Grade	≤ 1	≤ 2	≤ 2	≤ 1	≤ 2	≤ 2	≤ 3	≤ 3	≤ 1	≤ 2	≤ 3	≤ 1	≤ 2	≤ 3

Main application:

X-ray Sensor Grade Selenium is mainly used for medical equipment such as mammography.

Solar Grade Selenium is mainly used for CIGS solar cells.

2) Package

Left: 20L pail for 25kgs
– standard size pail



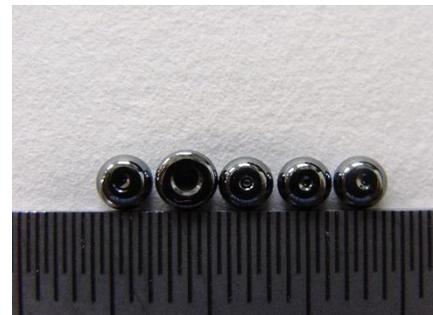
Right : 13L pail for smaller
quantity



← Inner Al package purged
with N₂ gas (optional)

Standard Inner package::
PE bag

* To keep the Selenium in amorphous state, please store in dark and cool (less than 20°C) place
and keep away from direct sunlight.



Standard granule size
2.0 - 3.5mm