



NIPPON RARE METAL, INC.

5N Oxygen-free Selenium (dry pellet)

Having developed original technology of removing Oxygen to less than 0.5ppm level based on the dry shot process instead of wet shot, which may cause a trace of water be included in the Selenium, NRM offers Oxygen-free Selenium for those applications like Chalcogenide glass, Infra-red lenses and Sensor materials where Oxygen is a killer element. .

1) Impurity Specs(example)

Unit: ppm

Element	Al	As	Bi	Cd	Cr	Cu	Fe	Te	Hg	Ni	Pb	Sb	Zn	S	O
Impurity Limit	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 0.5

2) Oxygen specs

Unit: ppm

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Oxygen-free Se	< 0.5
Conventional 5N Se	3~10

※Oxygen measurement : our original method

3) Shape

Standard pellet size : 2 - 3.5mm



4) Packaging

Standard :

Outer: Steel pail (max 25kg/pail)

Inner: Max. 25kg PE bag (double) (N2 gas purged)

(Optional smaller packages in Al bag on request)

5) Storage instructions

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