

Zirconium Metal powder, Grade N4



PRODUCT Zirconium Metal powder, Grade N4, Dry
 SPZR Type Product No. 11004
 CAS No. 7440-67-7 EINECS-No. 231-176-9

APPEARANCE Greyish-black powder

FORMULA Zr

APPLICATION High energy igniters, Fuses and thermal batteries in pyrotechnics, production of highly reactive fuses, delay composition, and igniter composition in pyrotechnics for use in ammunition, explosive, airbags and belt pretentioners, getter materials zirconium component in powder metallurgy, as a source material of getter film for manufacturing transmitter.

SPECIFICATION

Zr _{total} + Hf _{total}	min. 99%
Hf	approx. 0.02%
H	max. 0.02
O	max. 0.8
N	max. 0.04
Al	max. 0.003
C	max. 0.004
Ca	max. 0.065
Cl	max. 0.003
Fe	max. 0.23
Mg	max. 0.002
Ni	max. 0.002
Si	max. 0.095
Ti	max. 0.11
Particle size (by sieving)	min. 99.9 % < 63µm
Average particle size (Malvern)	18 ± 3 µm