

[cas10026-11-6](#)

Compound	zirconium tetrachloride				
CAS No.	10026-11-6	Catalog No.	GL9668	Brand	Crovell
Purity	99%	Packing	1g	Grade	
Lead Time	1Day (s)	Origin	ChinaHebeiShijiazhuang	Loading Port	China,Hebei,Shijiazhuang

other name:

Zirconium chloride (ZrCl₄), (T-4)-

Zirconium(IV) chloride, anhydrous, powder, 99.99% metals basis

Zirconium(IV) chloride, 99.9+% metals basis

tetrachlorozirconium

[tetra-zirconiumchlorid](#)

Zirconium tetrachloride, solid

Zirconium(iv) chloride (1:4)

zirconium(iv)chloride(1:4)

ZIRCONIUM(+4)CHLORIDE

[ZIRCONIUM CHLORIDE](#)

ZIRCONIUM(IV) CHLORIDE

ZIRCONIUM TETRACHLORIDE

(beta-4)-zirconiumchloride(zrcl₄

(T-4)-Zirconiumchloride

zirconiumchloride(zrcl₄)

Zirconiumchloride,(T-4)-

ZIRCONIUMCHLORIDE,99.9%

ZrCl₄

Zirconium(IV) chloride, 99.5+% metals basis

Zirconium(IV)chloride

【Appearance and traits】

Zirconium tetrachloride, also known as zirconium chloride, is a white shiny crystal or powder in appearance and properties. Zirconium tetrachloride is a zirconium compound

and a precursor of various zirconium salts.

【use】

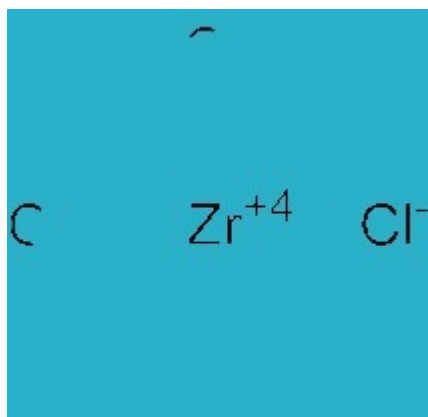
Zirconium tetrachloride is a weak Lewis acid that can form adducts $\text{ZrCl}_4 \cdot \text{PCl}_5$ and $\text{ZrCl}_4 \cdot 2\text{PCl}_5$ with phosphorus pentachloride, or form hexachlorozirconate with alkali metal or alkaline earth metal chlorides. In addition, it can also participate in Friedel-Crafts reaction and Diels-Alder reaction instead of aluminum trichloride.

Zirconium tetrachloride is the most important precursor for chemical vapor deposition of zirconium dioxide and zirconium diboride. It is also used as textile waterproofing agent, leather tanning agent, and analytical reagent.

Inchi 1S/4ClH.Zr/h4*1H;/q;;;+4/p-4

InChIKey DUNKXUFBGCUVQW-UHFFFAOYSA-J

SMILES [Cl-].[Cl-].[Cl-].[Cl-].[Zr+4]



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