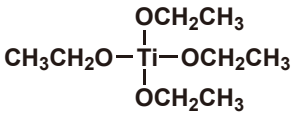
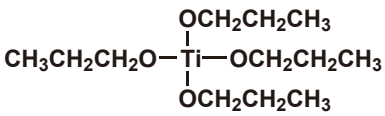
MATERIALS

Titanate Coupling Agents, Zirconate Coupling Agents

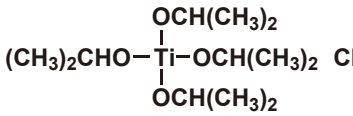
Titanium Alkoxides



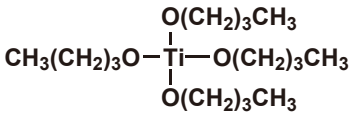
Tetraethyl Orthotitanate
25mL / 500m [T0967]



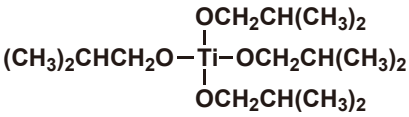
Tetrapropyl Orthotitanate
50g / 250g [T3973]



Tetraisopropyl Orthotitanate
25g / 500g [T0133]

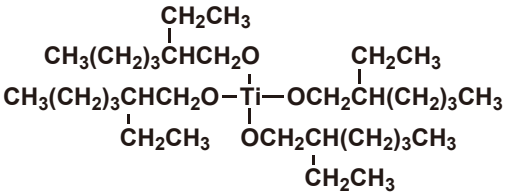


Tetrabutyl Orthotitanate
25g / 500g [B0742]

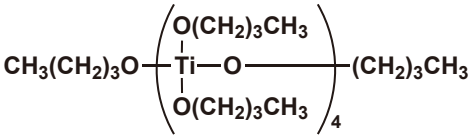


Tetraisobutyl Orthotitanate
5g [T2711]

Tetraisobutyl Orthotitanate
(contains Isopropoxide)
25mL [T0978]



Tetrakis(2-ethylhexyl) Orthotitanate
100g / 500g [T3682]

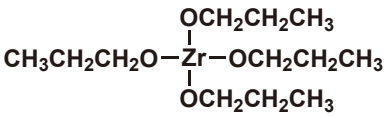


Tetrabutyl Orthotitanate Tetramer
25g / 100g / 500g [B0743]

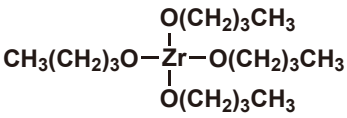
Applications

Surface modification: Y. Wang, J.-T. Yeh, T. Yue, R. Yao, Xi. Shen, *Colloid. Polym. Sci.* **2006**, *284*, 1465.
Sol-gel processing: B. Samuneva, V. Kozhukharov, C. Trapalis, R. Kranold, *J. Mater. Sci.* **1993**, *28*, 2353.
Closslinkink of polymer: Z. Kruliš, I. Fortelný, *E. Polym. J.* **1997**, *33*, 513.

Zirconium Alkoxides



Zirconium(IV) Tetrapropoxide
(*ca.* 70% in 1-Propanol)
25g / 100g [Z0017]



Zirconium(IV) Tetrabutoxide
(*ca.* 80% in 1-Butanol)
25g / 500g [Z0016]

Applications

Surface modification: S. S. Atsu, M. A. Kilicarslan, H. C. Kucukesmen, P. S. Aka, *J. Prosthet. Dent.* **2006**, *95*, 430.
Sol-gel processing: C. Xia, H. Cao, H. Wang, P. Yang, G. Meng, D. Peng, *J. Membr. Sci.* **1999**, *162*, 181.

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