Triethyl Aluminium

Specifications TEAL-1

Appearance	Colorless transparent liquid
Content of Total Aluminium %	>= 23.0
Content of Triethyl Aluminium %	>= 94.0
Content of Tri-N-Butylaluminium %	<= 6.0
Content of Triisobutylaluminium %	<= 0.5
Content of Aluminium Chloride Hexahydrate %	<= 1.0
Content of Tripropyl Aluminium %	Trace amount

Specifications TEAL-2

Appearance	Colorless transparent liquid
Content of Total Aluminium %	>= 23.0
Content of Triethyl Aluminium %	>= 95.0
Content of Tri-N-Butylaluminium %	<= 4.0
Content of Triisobutylaluminium %	<= 0.1
Content of Aluminium Chloride Hexahydrate %	<= 0.1
Content of Tripropyl Aluminium %	Trace amount

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Usage Notes

Applications

It is a high-performance activator that reacts with titanous chloride to form a Ziegler–Natta catalyst for propylene polymerization, and with titanium tetrachloride to generate Ziegler catalysts for the low-pressure polymerization of ethylene, propylene, and isoprene. This product also serves as a catalyst for synthetic rubber and organic synthesis, functioning as a key co-catalyst component in Ziegler–Natta catalyst systems.