



Aluminium Isopropoxide CAS No.555-31-7

CHEMICAL NAME	: Aluminium Isopropoxide
PEROXIDE CLASS	: Metal Alkoxide
STRUCTURE	: $\text{Al} [\text{OCH}(\text{CH}_3)]_3$
MOLECULAR WEIGHT	: 204.24
PACKING	: Powder: 25 Kg and 50 Kg Fiber drum
Solid	: 18 Kg Tins

TYPICAL PROPERTIES :

APPEARANCE	: White solid or powder
ALUMINIUM CONTENT	: Not above 14.2%
SPECIFIC GRAVITY (@25°C)	: 1.035
MELTING POINT	: 118-137°C depending on the extent of tetramerisation
INCOMPATIBILITIES	: Acids, strong oxidizing agents, may decompose when exposed to moist air or water
SHELF LIFE	: six months in a moisture free environment
SOLUBILITY	: soluble in most benzene, toluene, chloroform carbon tetrachloride.

USES:

Aluminium isopropoxide is a highly hygroscopic white powder used in organic synthesis.

It is used in manufacture of perfumery, high temperature grease, pharmaceuticals, paints, inks and resins.