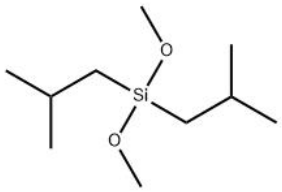
YAC-DIBDMS

Diisobutyl Dimethoxysilane

CAS No. 17980-32-4



Specifications:

Tests	Specification
Appearance	Colorless transparent liquid
Assay	≥98.50%
Methanol	≤0.05%
Cl (HCl)	≤30ppm
Moisture	≤0.01%
Color	≤20

Package: 180Kg/Drum

Application:

- YAC-DIBDMS is used almost exclusively as an external electron donor in Ziegler-Natta catalyst systems for propylene polymerization, where it controls the isotacticity of polypropylene and regulates molecular weight distribution to produce high-rigidity, heat-resistant PP grades for packaging, automotive parts, household goods, and fibers. By providing steric and electronic regulation at the catalyst's active sites, it raises the isotactic index and improves hydrogen response, and it is widely used in combination with other silane donors (e.g.,dicyclopentyldimethoxysilane) or phthalate-free catalyst systems.

Storage: Closed tight in cool, dry and draught place, avoid dampness and water, away from fire and heat source.



Recommend Shelf Life: 12 months.