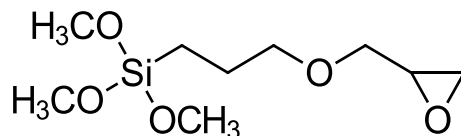


TECHNICAL DATA SHEET

Product Name : ACH Si-EPY-187
Chemical Name : 3-Glycidoxypropyl trimethoxysilane
Molecular Weight : 236.34
CAS Number : 2530-83-8
Chemical Structure :



Specifications:

Item	Typical Value
Appearance	Colorless to Light Yellow Transparent Liquid
Color (Pt-Co)	30 Max
Purity, %	98.0 Min
Density (25 °C), g/cm ³	1.0650 – 1.0750
Refractive index (n ²⁵ _D)	1.4220 – 1.4320
Methanol (%)	< 0.3
Chloride (%)	< 10

Applications:

ACH Si-EPY-187 is an organo-silane coupling agent that contains a glycidoxy functional group and hydrolysable methoxy groups on the other side. The glycidoxy functionality allows targeting resin matrixes such as epoxy, butyl rubber, and polysulfide. It is used primarily to improve adhesion between organic and inorganic materials in coatings, paints, adhesives, sealants, foundry resins, glass manufacturing and other applications. Coupling agent for epoxy composites employed in electronic chip encapsulation.

Standard Packaging:

200 kg net per drum. Other packing sizes are available upon request.

Revised 06/14/2022