



Fluoro Functional Organosilane LS-M512

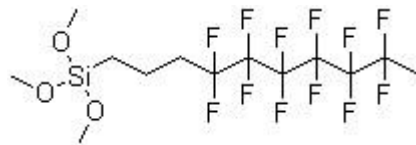
Description:

Chemical Name: Dodecafluoroheptylpropyltrimethoxysilane

Synonyms:

Equivalents:

Molecular Structure:



Molecular Formula: C₁₃H₁₈F₁₂O₃Si

Molecular Weight: 478.35

CAS NO.: 1105578-57-1

EINECS NO.:

Special Features:

Combining the advantages of silicone and organic fluoride, it has low surface energy and has excellent weather resistance, hydrophobicity, mold release, solvent resistance and chemical stability.

Typical Technical Properties:

Appearance: Colorless or pale yellow clear liquid

Purity (by GC, %): 95.0 min

Refractive Index (20°C):

Boiling Point: 270.9±40.0 °C

Flash Point: 117.6±27.3°C

Density (20°C, g/cm³): 1.3±0.1

Applications:

Widely used in chemical industry, machinery, glass, ceramics, stone, leather, fabric, paper, ink, medicine, cosmetics, different electric materials, adhesives, silicone rubber and other industries.

Package & Storage:

In 1kg fluorinated bottle, 25kg pail, 200kg drum.

Keep in cool, dry and ventilated place. Keep away from sunlight and fire sources. Keep in unopened containers, shelf life is 12 months from the date of production.

Storage beyond the shelf life does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.