

Technical Data Sheet

CFS-607, (3,3,3-Trifluoropropyl)trimethoxysilane

CFS-607, (3,3,3-Trifluoropropyl)trimethoxysilane is an important monomeric silane which combines the excellent properties of both organosilicon and organic fluorine.

Typical Properties:

Chemical Name	(3,3,3-Trifluoropropyl)trimethoxysilane
Synonyms	Trimethoxy(3,3,3-trifluoropropyl)silane; 3-(Trimethoxysilyl)-1,1,1-trifluoropropane
Cas No	429-60-7
Formula	C ₆ H ₁₃ F ₃ O ₃ Si
Color	Colorless or light yellow
Appearance	Clear liquid
Purity	min 96%

Applications:

CFS-607 is mainly used as a fluoro silane coupling agent and an adhesion promoter. It can be introduced to improve adhesion, mechanical properties and chemical properties of various composites.

CFS-607 can be used as an important intermediate for the synthesis of fluoro silicone rubbers and fluoro silicone resins.

CFS-607 can be also used as a waterproof agent and a surface protection agent due to its excellent hydrophobicity.

Packaging:

CFS-607 is offered in 25L PE pails and 200L PVF steel drums.

Please contact Co-Formula team for any special packaging request.

Storage:

CFS-607 should be stored in a cool, well-ventilated place, and avoid exposure to humidity.

CFS-607 should be stored in its original containers and used up asap after opening.

When stored in a strictly sealed and unopened container, CFS-607 has a shelf life of 12months.