

Technical Data Sheet

CFS-443, 3-Aminopropylmethyldimethoxysilane

CFS-443, 3-Aminopropylmethyldimethoxysilane is an amino silane coupling agent. It is mainly used to enhance the adhesion to inorganic materials including metal, glass, fillers and so on. It is the counterpart of Momentive Silquest A-2110 and ShinEtsu KBM-902.

Typical Properties:

Chemical Name	3-Aminopropylmethyldimethoxysilane
Cas No	3663-44-3
Formula	C ₆ H ₁₇ N ₀ Si
Color	Colorless or yellowish
Appearance	Clear liquid
Purity	min 97%

Applications:

CFS-443 can be used as an adhesion promoter in paints, coating, adhesives and sealants industries. It is typically used in one-component and two-component polysulfide sealants.

CFS-443 can be used to improve the bonding performance between organic resins and inorganic materials. It can enhance the adhesion to inorganic materials, for example, metals, glass, ceramics.

CFS-443 can be used as an additive for special primers in many bonding applications.

CFS-443 normally acts as a surface modifier of inorganic fillers and pigments.

CFS-443 can also be used for the synthesis of textile and fabrics additives.

Packaging:

CFS-443 is offered in 25L PE pails, 200L PVF steel drums and 1000L IBC totes.

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

Storage:

CFS-443 should be stored in a cool, well-ventilated place, and avoid exposure to humidity.

CFS-443 should be stored in its original containers and used up asap after opening.

When stored in a strictly sealed and unopened container, CFS-443 has a shelf life of 12months.