

Technical Data Sheet

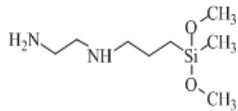
TDS No.: CG-602 V202101

Revision Date: 2021/1/20

CG-602

Description

Chemical Name 3-(2-Aminoethylamino)propyl-dimethoxymethylsilane
Molecular Formula $C_8H_{22}N_2O_2Si$
Structural Formula



Molecular Weight 206.4
CAS No. 3069-29-2

Physical Properties

| | |
|---|--------------------|
| Physical Form | Transparent liquid |
| Color | Clear, colorless |
| Specific Gravity at 25/25°C | 0.965-0.975 |
| Boiling Point, °C | 232 |
| Refractive Index, nD 20°C | 1.4480-1.4500 |
| Flash Point, Pensky-Martens Closed Cup(1), °C | 93 |

Applications

This product is a kind of super-soft finishing agent for various organosilicon, by which the modified silicon oil would get greater fiber affinity, and then obtain features of soft, smooth, pendulous, anti-static, washable and anti-crease etc. Also, it can be used as adhesion-promoting agent, surface modifying agent, crosslinking agent, dispersing agent, to improve the binding force and compatibility between inorganic mineral powder material, fiber and the polymer (resin), and improve the adhesion between resin coating and inorganic materials. Typical uses include amino silicone oil, paints, coatings, inks, foundry resins, adhesives, sealants, glass fibers, abrasives, etc.

Packaging and Storage

Be packed in 25KG, 200KG drums, IBC and ISO Tank.

Be sealed and stored in cool and well ventilated place. Away from fire and water.

DISCLAIMER

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