

SiVance®

# Specialty Silicones

Aminopropyl PDMS-10

Technical Data

## Description

SiVance Aminopropyl PDMS-10 is a difunctional aminopropyl terminated linear siloxane, also known as 1,3-bis(3-aminopropyl)polydimethylsiloxane.

## Recommended Use

Aminopropyl PDMS-10 is commonly used to modify organic polymer systems to introduce silicone properties such as improved processing, surface modification, or altered mechanical properties.

Modified amino-functional silicones are also used in the personal care market as hair and skin care ingredients and in automotive and furniture polishes. Benefits include high gloss, spreading and water repellency.

Additional end applications include:

- Flame retardants in resin systems
- Toner resins in imaging systems
- Adhesives in photosensitive layer
- Wireboard electronic applications

## Typical Properties

Product Code	3000063933
CAS Number	106214-84-0
Molecular Weight (g/mol)	860 - 940
Specific Gravity, 25°C	0.97
Flash Point, TCC	193°C
Appearance	Pale Yellow Liquid

*Values shown are not intended for specification preparation*

## Handling and Storage Precautions

If stored for longer than one year, the material should be reevaluated prior to use. Store the container in a cool, dry area. Keep the container tightly closed when not in use.

Additional safety, environmental and regulatory issues are addressed in the Safety Data Sheet.

Please contact your SiVance Representative for additional information.

PLEASE NOTE: As each customer's use of our product may be different, information we provide, including without limitation, recommendations, test results, samples, care/labeling/processing instructions or marketing advice, is provided in good faith but without warranty and without accepting any responsibility/liability. Each customer must test and be responsible for its own specific use, further processing, labeling, marketing, etc. All sales are exclusively subject to our standard terms of sale posted at [www.milliken.com/terms](http://www.milliken.com/terms) (all additional/different terms are rejected) unless explicitly agreed otherwise in a signed writing.

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