

SF1188A

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Description

SF1188A silicone fluid is a stable copolymer of a polydimethylsiloxane and a polyoxyalkylene ether. It is soluble in cold water, but exhibits inverse solubility above 48°C. The product is also soluble in acetone, toluene, lower alcohols and some hydrocarbons.

INCI NAME

PEG/PPG-20/15 Dimethicone

Key Features and Benefits

- Water soluble below 48°C - useful in cold and warm water formulations
- Excellent leveling and surfactant characteristics, which are important in finishes for paints and coatings
- Good lubricating and release characteristics, which provide molding production efficiency

Typical Physical Properties

Property	Unit	Value
Silicone Content	%	100
Viscosity at 25°C	mm ² / s	800 - 1400
Density at 25°C	g/ cm ³	1.04
Refractive Index at 25°C		1.4484
Flash point	°C	> 100
Surface Tension at 25°C	dynes/cm	20.5
Inverse solubility point	°C	48

Potential Applications

- Personal Care Products
- Textile Industry
- Paints Industry
- Mould Release

Containers

SF 1188A is available in 204kg drums.

Patent Status

Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute the permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

Product Safety, Handling and Storage

The warranty period is 12 months from date of shipment from Momentive Performance Materials if stored in the original unopened container at 25°C.

Customers should review the latest Safety Data Sheet (SDS) and label for product safety information, safe handling instructions, personal protective equipment if necessary, emergency service contact information, and any special storage conditions required for safety. Momentive Performance Materials (MPM) maintains an around-the-clock emergency service for its products. SDS are available at www.momentive.com or, upon request, from any MPM representative. For product

storage and handling procedures to maintain the product quality within our stated specifications, please review Certificates of Analysis, which are available in the Order Center. Use of other materials in conjunction with MPM products (for example, primers) may require additional precautions. Please review and follow the safety information provided by the manufacturer of such other materials.

Limitations

Customers must evaluate Momentive Performance Materials products and make their own determination as to fitness of use in their particular applications.

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