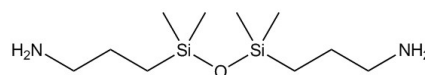


WACKER® FLUID NH 02 D

Functional Silicone Fluids

Bis-(3-aminopropyl)-tetramethyldisiloxane

3,3'-(1,1,3,3-tetramethyldisiloxane-1,3-diyl)bis(propan-1-amine)



CAS No. 2469-55-8 | Empirical formula $C_{10}H_{28}N_2OSi_2$ | Molecular weight 248,51 g/mol

Properties

As a polymerizing, strictly difunctional silicone fluid WACKER® FLUID NH 02 D may be used for the realization of new, innovative applications. In particular this is the case for all areas where low temperature characteristics are of interest. It may also serve as a starting material for higher molecular weight aminofunctional silicone fluids.

Technical data

Specification

Property	Condition	Value	Method
purity	-	> 98 %	GC

General Characteristics

Property	Condition	Value	Method
refractive index	-	1.477	-
amine density	-	8.1 mmol/g	-
appearance and color	-	colorless, clear liquid	Visual
Density	20 °C 1013 hPa	0.868 g/cm ³	DIN 51575
Viscosity, dynamic	25 °C	4.2 mPa·s	DIN 51562
molecular weight	-	248.51 g/mol	-

These figures are only intended as a guide and should not be used in preparing specifications.

All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product's fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be downloaded via WACKER web site <http://www.wacker.com>.

Applications

- Plastic Additives

Application details

Silicone fluids of the FLUID NH series have the known processing properties of respective standard silicones. Due to their symmetric substitution, the downstream products and copolymers will show the typical characteristics of linear materials.

- raw material for chemical synthesis
- copolymerization with organic monomers
- reactive Additive for Polyurethanes, Polyimides, Polyamides, Polyureas
- polymer modification and additivation

Packaging and storage

Packaging

- 4,5 kg drum
- 25 kg drum

larger packaging units available on request

Storage

The 'Best use before end' date of each batch is shown on the product label. Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site <http://www.wacker.com>.

QR Code WACKER® FLUID NH 02 D



For technical, quality or product safety questions, please contact:

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info@wacker.com, www.wacker.com

The data presented in this medium are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this medium should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose.