

# BELSIL® ADM 1370

AMINO-FUNCTIONAL SILICONE

## Product description

BELSIL® ADM 1370 is an aminofunctional polydimethylsiloxane fluid with a viscosity of < 4000 mm<sup>2</sup> / s and an amine number of 0.6 meq / g. BELSIL® ADM 1370 shows a low odor characteristic.

## Application

The main field of application for BELSIL® ADM 1370 is hair care. When BELSIL® ADM 1370 is formulated under acidic conditions, its amine groups bear a positive charge and effectively interact with the negatively charged hair surface to ensure effective conditioning.

The variety of possible applications ranges from shampoos, rinse-off conditioners, hair masks and serums to styling products like mousses and many more hair care products.

BELSIL® ADM 1370 improves wet and dry combing for damaged and natural hair and causes a soft and smooth hair feel. The use of Amodimethicone fluids like BELSIL® ADM 1370 for color protection and heat protection benefits is well established in the hair care industry. BELSIL® ADM 1370 can also be added to reduce fly-away caused by electrostatic charging.

conditioning, shampoo and styling formulations are 0,25 % to 3 %.

## 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>.

## Processing

Recommended use levels of BELSIL® ADM 1370 in

## Product data

Typical general characteristics	Inspection Method	Value
Appearance	visual check	clear to slightly hazy
Color	visual check	colorless to slightly yellow
Viscosity, dynamic at 25 °C		1550 - 4000 mPa.s
Amine number		approx. 0,6 meq / g
Density at 25 °C		0,98 g/cm <sup>3</sup>
Refractive index at 25 °C	DIN 51423	1,408
INCI name		Amodimethicone

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

The data presented in this leaflet 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 leaflet 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 recommendations do 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 products for a particular purpose.

The management system has been certified according to DIN EN ISO 9001 and DIN EN ISO 14001

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

Wacker Chemie AG  
Hanns-Seidel-Platz 4  
81737 München, Germany  
[info.silicones@wacker.com](mailto:info.silicones@wacker.com)

[www.wacker.com](http://www.wacker.com)