

SILICONE SOFTENER

The silicone SOFTENING AGENT is a non-reactive silicone oil of low viscosity (50 mPa.s at 23°C) to reduce the hardness or viscosity of RTV silicone resins.

In return the SOFTENING AGENT can make silicone elastomers greasier and less resistant.

Use

Weigh the silicone part A, add the silicone SOFTENING AGENT and mix with a spatula.

Add part B.

Mix well without incorporating too many bubbles.

Use about 5 to 10% of softener to get a significant decrease in hardness. For indication, 10% oil in a 12 Shore A COP Silicone will lower its hardness by 3 Shore.

Pour the silicone, do not scrape the edges to avoid introducing less well mixed silicone into your molding.

The SOFTENING AGENT will impact the reactivity, viscosity, hardness of the silicone depending on the base silicone and the incorporation rate.

Specifications

Polydimethylsiloxane Oil (PDMS), transparent liquid, odorless and non-toxic.

Read the safety data sheet carefully to be informed of the precautions and risks related to the use and storage of this product. Do not smoke, eat or drink during application.

Packaging and references

Store at room temperature and below 60°C.

The SOFTENING AGENT is available in 2 and 5 L cans according to the following references:

REFERENCE	PACKAGING
CNF-50 002 - SOFTENING AGENT CNF-50	2 L
CNF-50 005 - SOFTENING AGENT CNF-50	5 L

Custom codes

SOFTENING AGENT

39100000



Liquid product specifications

Aspect: transparent and colorless liquid

Density: 0,96

Viscosity at 23°C in mPa.s: 50

Flash point (open cup) : 318°C