

MAPSIL 210

Low outgassing thermal grease

Technical data sheet: RE 210

Creation: October 1987

Revision: 6

Date: 07/04/2008

Page 1/1

Coating characteristics

Polymer matrix	Purified silicone oil
Pigment	Metallic oxides
Density	About 2.3
Solids content	100 %
V.O.C.	< 1 g / L
Thermal conductivity	$\lambda \approx 0,41 \text{ W / m.K.}$
Outgassing	in compliance with ESA standard : ECSS-Q-70-02A
Temperature range	- 40°C ↔ + 200°C
Surface preparation	Perfect cleaning (Please contact us)

Definition

Low outgassing silicone grease providing high thermal conductivity.

Aspect: white thixotropic paste

AFNOR NFT 36005 classification: Family I Class 10c.

Purpose: For heat transfer compounds in space industries and vacuum technologies.

In accordance with safety regulations for manned flight (non-flammable and non-toxic).

Properties

Test carried out CNES Qualification report

Outgassing 89/CT/DRT/TVE/TH n°074

Application parameters

Ready for use, MAPSIL 210 must be applied with a spatula.

Packaging

100 g - 250 g

Storage

Up to 6 months in original unopened packaging between 5°C & 25°C.

Safety data

Labelling This preparation was classified in compliance with the directives in effect.

Precautions & Transport Please refer to our latest safety datasheet.

*Non-contractual technical data: for your information only.
For further information, please contact us.*

This information, based upon literature and our testing experience to date, is offered as part of our service to customers, and is intended for use by persons having technical skill, at their own discretion and risk for their own investigation and verification. We do not guarantee favourable results and we assume no liability in connection with its use. This information is not intended as a licence to operate under, or a recommendation to infringe, any patent covering any material or use.

MAP - ZI Rue Clément Ader - 09100 PAMIEERS (France) Tél. : 33 5 34 01 27 00 - Fax : 33 5 61 60 28 77

Société Anonyme à Directoire et Conseil de Surveillance au capital de 1 500 000 €

RCS Foix B 334 860 525 - SIRET 334 860 525 00032 - NAF 243Z - TVA N° FR20 334 860 525