

CHEMOSIL 512 **Speciality Bonding Agent for Fluoro Rubber**

CHEMOSIL 512 is formulated to bond all types of Fluoro rubber to practically any metal or plastic. It achieves excellent temperature oil and gasoline resistance.

Technical Data

Composition	Silane and Resin in MIBK
Colour	beige solution
Viscosity 4 mm Ford-Cup	10 – 14 s
Specific Gravity	0,830 – 0,880 g/cm ³
Flashpoint	18° C
Solid Content	17 – 21 % by weight
Shelf life	12 months

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Application

CHEMOSIL 512 can be applied by spraying or dipping.

Before applying, it should be diluted 100 – 200 % using MEK or MIBK.

Important

Remove only as much CHEMOSIL 512 from the original drum as will be consumed during the next shift. Under no circumstances must unused material be returned to the original container!

Generally, vulcanizing conditions (temperature, pressure, duration) recommended by the rubber supplier should be adhered to. Vulcanizing temperatures of 170° C – 180° C are preferable.

For post-curing of parts, temperatures up to 220° C are acceptable, without any negative effect on bonding properties. The bond offers excellent temperature resistance.

Avoid storing coated parts for more than one week. Complete any further work on these parts within such time.

Cautionary Information

Before using this or any CHEMOSIL product, refer to the Material Safety Data Sheet (MSDS) and label for safe use and handling instructions. For industrial/commercial use only. Must be applied by trained personnel only. Not to be used in household applications. Not for consumer use.

All information is based upon laboratory tests and industrial experience, and is intended for use, at their own risk, by persons having technical skill.

We assume no liability in connection with the use of the product described here in. Values stated in this bulletin represent typical values as not all tests are run on each lot of material produced. For formalized product specifications for specific product end uses, contact CHEMOSIL.

Information provided herein is based upon tests believed to be reliable. Inasmuch our company has no control over the manner in which others may use this information; it does not guarantee the results to be obtained. In addition, our company does not guarantee the performance of the product or the results obtained from the use of the product or this information where the product has been repackaged by any third party including but not limited to any product end user. Nor does the company make any express or implied warranty of merchantability, or fitness for a particular purpose concerning the effects or results of such use.

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