

CHEMOSIL 602

Rubber/Metal-, Rubber/Textile- and Rubber/Rubber-Bonding Agent

CHEMOSIL 602 is a very universal Bonding Agent for low temperature vulcanization like 90° C – 100° C and normal temperature vulcanization (150° C - 170° C).

The system with primer CHEMOSIL 211 is excellent for tank lining and production of rubber rollers, rubber cylinders etc..

CHEMOSIL 602 bond also textile like polyester and polyamide on different rubber types NR, CR, CSM, NBR, IIR, SBR, and **EPDM**.

It is suitable for the production of gaskets. CHEMOSIL 602 bond uncured rubber to cured rubber based on NR, SBR, CR, NBR, CSM, IIR, and **EPDM**.

Technical Data

Composition	Polymers and Fillers dispersed in Xylene
Colour	black
Viscosity 4 mm Ford-Cup	90 – 120 s
Specific Gravity	0,950 – 0,970 g/cm ³
Flash Point	25° C
Solid Content	18 – 22 % by weight
Shelf life	12 months

Application

CHEMOSIL 602 can be applied by spraying dipping and brush.

For the recommended coating thickness of approximately 15 microns, the following dilution is recommended:

Brush	Undiluted
Dipping	Undiluted
Spraying	50 – 80 % dilution with Xylene

Important

CHEMOSIL 602 is slightly thixotropic and must be agitated thoroughly before viscosity measurements are made.

The product must be thoroughly stirred before using. The adhesive may be applied by brushing, dipping, roller coating etc..

CHEMOSIL 602 is normally used full strength for brush and roller coating.

For dip application, normal dilution is 10 to 25 % by volume.

Drying the adhesive should be allowed 90 – 150 minutes at room temperature.

Drying times may be shortened by the use hot air drying ovens or tunnels.

Moderate drying temperature will be most satisfactory (70° C – 90° C).

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.

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