

## Product Name

**TUFSIL® 28**

**RTV-2 Silicone Mouldmaking Rubber**

## Product Description

Pourable, condensation-curing, two component silicone rubber that cures at room temperature and features:

- Excellent Flow
- Medium Shore A Hardness (approx 28)
- Good Tear Strength
- Great extensibility and elasticity
- Excellent long term stability of the mechanical properties of the cured rubber
- High resistance to casting resins

## Typical Applications

Due to the excellent mechanical properties of the cured rubber as well as its high resistance to casting resin, TUFSIL® 28 is especially suitable for reproducing parts in Polyurethane, Polyester and Gypsum Cements.

Other materials, such as wax and plaster, may be cast without any problems in moulds made from TUFSIL® 28.

## Physical Properties

### Product Data / Uncured

Colour		White
Density @ 23°C	[g/cm <sup>3</sup> ]	1.10
Viscosity @ 23°C, after stirring	[cps]	30 000

### Product Data / Cured – with 2.5% wt Part B, after 7 days @ 23°C / 50% relative humidity

Density at 23°C, in water	[g/cm <sup>3</sup> ]	1.10
Hardness, Shore A		28
Tensile Strength	[mPa]	3.8
Tear Strength	[kn/m]	2.8
Linear Shrinkage	[%]	0.7

## Handling Properties

### Processing

With 2.5% wt Catalyst	20 [min] Pot life	24 [hr] Curing Time (tack free)
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## Storage

TUFSIL® 28 has a shelf life of at least 12 months in the sealed container between 5°C and 30°C. If the material is kept beyond 12 months it is not necessarily unusable, but a test should be performed on the product to check suitability to the application.

**Issue Date**30<sup>th</sup> March 2011**Revision Number**

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**Disclaimer**

The data presented in this leaflet are in accordance with the present state of our knowledge, and does 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. Recommendations for use do not constitute a warranty, either expressed or implied, of the fitness or suitability of the product for a particular purpose.