

**INDUSTRY
SOLUTIONS.**

**Material
Solutions.**

CHT
SMART CHEMISTRY
WITH CHARACTER.



SILSo MOULDING

- ▶ High chemical resistance
- ▶ Good self-releasing properties
- ▶ High transparency
- ▶ Excellent mechanical properties

SILSo APPLICATIONS

Silicone Solutions that make your life easier.



SilSo MOULDING

Experience the benefits of being able to produce silicone moulds of almost any object, component or figure with very accurate, detailed reproduction – whether it be for architecture and industrial design, jewellery production or food moulding. Using RTV-2 part addition and condensation curing silicone elastomers selected from our SilSo MOULDING product range, models of varying size with the most complex geometries can be reproduced to the very highest quality.

SilSo APPLICATIONS

Silicone Solutions that make your life easier.

SilSo MOULDING						
General Mould Making & Prototyping	Product	Features	Mixing Viscosity mPas	Hardness Shore A	Tear kN/m (ppi)	Elongation %
Addition Cure						
	QM 262	10:1, addition cure, complies with FDA indirect food contact regulations	35,000	60	16 (91)	150
	QM 280	10:1, addition cure with high dimensional stability for larger moulds	90,000	80	13 (108)	75
	KÖRAFORM A 35	10:1, translucent, ceramics	25,000	33	25 (143)	320
	KÖRAFORM A 40	1:1 mixing ratio, translucent moulding rubber, ideal for prototyping	40,000	40	18 (103)	350
	KÖRAFORM A 42	10:1, very translucent moulding rubber, ideal for prototyping, different B components available	34,000	40	18 (103)	330
	ALPA-SIL TRANS OLEND	10:1, very translucent moulding rubber, oil bleeding rubber ideal for prototyping	34,000	39	21 (120)	330
	ALPA-SIL 25301	10:1 mixing ratio with medium hardness with low viscosity and excellent mechanical properties	15,000	25	30 (171)	700
Food Grade	Product	Features	Viscosity mPas	Hardness Shore A	Tear kN/m (ppi)	Elongation %
Addition Cure						
	MM730FG	10:1, food grade moulding rubber, beige, FDA and EC approvals	15,000	30	27 (154)	600
	ALPA-SIL 32 LM	1:1, food grade moulding rubber, translucent	24,000	35	17 (97)	260
Condensation Cure						
	QM 140	10:1, condensation cure, complies with FDA indirect food contact regulations	37,000	40	28 (160)	150
	MM928	20:1, condensation cure, high tear strength, high dimensional stability	26,000	27	30 (171)	401
	KÖRAFORM K 31	100:3, condensation cure, high mechanical properties consistent with a extended life cycles of the mold	24,000	21	22 (125)	380

The data are standard values and not suitable for establishing specifications! Please note that the given values were determined in the laboratory and have to be verified in tests on your own for your specific manufacturing under the conditions in practice. Liability cannot be derived from this information. Liability can be assumed only for the consistently high quality of our products.

10/2020

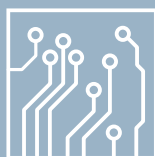
More SilSo APPLICATIONS



SilSo ADHESIVES
Industrial Adhesives



SilSo INJECTION MOULDING
Liquid Silicone Rubber



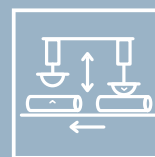
SilSo ELECTRONICS
Electronic Potting



SilSo MEDICAL
Medical Applications



SilSo TRANSPORTATION
Mobility & Transportation



SilSo PAD PRINTING
Silicone Print Pads