



耐化学性硅胶

Chemical resistance silicone(SILT^{TOP}®)

测试周期: 7 天	Testing period: 7 days	温度 Temperature °C	膨胀 Swelling %	邵氏硬度 Shore hardness	评级 Evaluation
丙酮	Acetone	20	+ 15,0	-10,0	U
氢氧化铵浓缩物	Caustic ammoni (concentrate)	20	+ 1,7	+ 1,5	U
苯胺	Anilin	100	+ 5,0	- 5,0	U
汽油	Benzine	20	+150,0	-22,0	O
液压油	Hydraulic fluid	20	+ 2,5	± 0	U
丁醇	Butanol	117	+ 60,0	-30,0	O
Clophen	Clophene	150	+ 15,0	- 6,0	U
柴油	Diesel oil	20	+ 65,0	-16,0	O
联苯	Diphyl	150	+ 26,0	-12,0	O
发电机油	Dynamo oil	150	+ 30,0	-30,0	O
100%乙酸	Acetic acid 100%	20	+ 8,0	- 5,0	U
轻质润滑油	Light lubricating oil	150	+ 4,1	- 5,0	U
重油润滑	Heavy lubricating oil	150	+ 5,3	- 9,0	U
润滑油SAE 90	Lubricating oil SAE 90	150	+ 2,8	- 1,0	U
甘油	Glycerin	100	+ 0,6	- 1,0	U
重铬酸钾溶液20%	Potassium bichromate – sol. 20%	20	+ 0,2	- 2,0	U
氢氧化钾50%	Potassium hydroxid 50%	20	+ 0,3	- 2,0	U
轻型压缩机油	Light compressor oil	150	+ 15,0	-19,0	U
重型压缩机油	Heavy compressor oil	150	+ 30,0	-25,0	U
球轴承润滑脂	Ball bearing grease	150	+ 25,0	-20,0	U
亚麻籽油	Linseed oil	100	+ 0,7	- 1,0	U
矿物油ASTM No.1	Mineral oil ASTM No. 1	150	+ 2,6	- 5,0	U
矿物油 ASTM Nr. 3	Mineral oil ASTM No. 3	150	+ 25,0	-35,0	O
矿物油SAE 30	Mineral oil SAE 30	150	+ 5,0	-17,0	U
矿物油SAE 10	Mineral oil SAE 10	150	+ 15,0	-25,0	U
矿物油SAE 20	Mineral oil SAE 20	150	+ 10,0	-10,0	U
粘性静态发动机油	Visco-static motor oil	150	+ 14,5	-20,0	U
高氯酸钠溶液20%	Sodium hyperchlorit – sol. 20%	20	- 0,5	- 1,0	U
氢氧化钠50%	Sodium lye 50%	20	- 1,7	- 3,0	U
橄榄油	Olive oil	150	+ 1,5	- 7,0	U
四氯乙烯	Perchlorethylene	20	+205,0	-13,0	□
石油	Crude oil	20	+ 75,0	-15,0	O
磷酸30%	Phosphoric acid 30%	20	+ 0,3	- 2,0	U
吡啶	Pyridine	20	+ 15,0	-16,0	O
蓖麻油	Castor oil	150	+ 1,2	- 5,0	U
硝酸10%	Nitric acid	20	+ 0,5	+ 1,0	O
盐酸10%	Hydrochloric acid 10%	20	± 0,5	± 0	U
硫酸10%	Sulphuric acid 10%	20	+ 0,2	+ 2,0	U
减震器油	Shock absorber oil	20	+ 3,0	- 5,0	U
松脂	Turpentine oil	20	+115,0	-15,0	O
四氯化碳	Carbon tetrachloride	20	+250,0	-14,0	O
甲苯	Toluol	20	+100,0	-15,0	O
变压器油	Transformer oil	150	+ 55,0	-40,0	O
水	Water	100	+ 0,2	+ 1,0	U
过氧化氢30%	Hydrogene peroxide 30%	20	+ 0,1	+ 1,0	U

U 可使用的/usable

O 有条件的使用/limited use

□ 不可用/not usable