



## SR-1 Ambient Cure Silicon Rubber System

### Advantages

- Remarkable fluidity
- High chemical resistance especially towards resins.
- Extremely high tear strength
- High accuracy in producing very small details
- High dimensional stability in time and deformability
- Remarkable resistance to high temperatures and aging.

### Applications

- Mold making
- Model making
- Art ceramic
- Sanitary ware

### Chemical and Physical Properties

Cured product

Mixing ratio	1:1
Viscosity of pre-catalyzation mixture	4000 ± 300 cP
Density of the base component (g/cc)	1,13
Density of the catalyst component (g/cc)	1,13
Working time at 23°C	WT =14-17 mins
Setting time at 23°C	ST = 60 mins
Shore A hardness after 24 hours	21 ± 2 shA
Breaking load	4.0 ± 0.2N/mm <sup>2</sup>
Elongation at break	380 ± 20%
Tear strength	>20 ± 1 N/mm
Reproduction of details	2 micron
Dimensional variation after 24 hours	-0.05%

