**The Rhodorsil® RTV 2's used in moulding are two-component, room temperature curing elastomers.**

**There are two different types:**
**1. Polycondensation type Rhodorsil® RTV 2's** supplied as base and catalyst.

**2. Polyaddition type Rhodorsil® RTV 2's** supplied as part A and part B.

Each of these types has specific features that means it will be chosen according to the moulding technique and the user's requirements.

| | *Polycondensation (PC)* | *Polyaddition (PA)* |
|---|---|---|
| Mixing ratio | 100/2 to 100/10 | 100/10 to 100/100 |
| Safety precautions during mixing | Requirements (glasses, gloves)<br>Preferably in a well ventilated area | None |
| Pot life and demoulding time | Variable depending on catalysis<br>Not heat accelerated | Can be independent<br>Heat accelerated |
| Risk of inhibition | No | Yes |
| Sensitive to reversion in confined spaces | Yes | No |
| Shrinkage* | 0.8 to 1.2% | 0.05 to 0.2% |

** After 7 days curing at 23°C/RH 50% measured on a cylinder H/200 mm, Ø40mm*

Curing starts once the two components are mixed at a rate that depends on the operating conditions. The ideal conditions are :

- Temperature of 23°C
- Relative humidity of 50%

In order to comply with dimensions, it is preferable to use

- moderate temperatures, 23 to 30°C, and in any case no less than 20°C
- In an atmosphere that is not too dry (30% minimum)
- With the recommended catalyst dosage