



## Silicone Rubber LR-RTVP

### Description:

Chemical Name: Room temperature vulcanized phenyl silicone rubber raw rubber

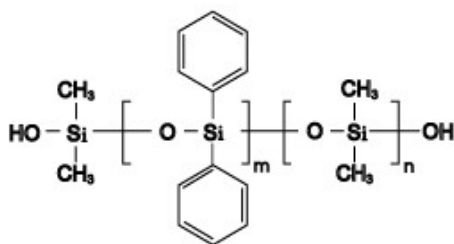
Synonyms:  $\alpha$ ,  $\omega$  dihydroxy polydimethyldiphenylsiloxane;

Phenyl silicone rubber raw rubber

Equivalents: /

Molecular Structure:

$(\text{CH}_3)_2\text{SiOH}[(\text{C}_6\text{H}_5)_2\text{SiO}]_m[(\text{CH}_3)_2\text{SiO}]_n\text{OH}$



### Typical Technical Properties:

Appearance: Colorless transparent or light yellow liquid

Solubility: soluble in toluene, xylene, chlorinated hydrocarbons and other organic solvents

Viscosity (25 °C, mPa.s): 2000-10000

Phenyl content (mol %): 2.5-20.0

Volatile content (150°C / 2h):  $\leq 3.0$

### Applications:

In addition to excellent electrical properties, weather resistance, and ozone resistance, this product also has good low temperature resistance, radiation resistance, ablation resistance and self-extinguishing properties. It can be used as potting material for various electronic and electrical components, and can also be used as impregnation impression and release material, and a component of adhesive. It is still elastic at minus 120°C and can be used for special purposes.

### Package &Storage:

In 20kg pail, 200kg drum

Keep in cool, dry and ventilated place. Keep away from sunlight and fire sources. Keep in unopened containers, Shelf life is 60 months from the date of production. It is shipped as non-hazardous substance.

Storage beyond the shelf life does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.