



## Silicone Rubber LR-110

### Description:

Chemical Name: Room temperature vulcanized silicone rubber

### Typical Technical Properties:

|                                |           |           |           |           |
|--------------------------------|-----------|-----------|-----------|-----------|
| Item                           | 110-A     | 110-B     | 110-C     | 110-D     |
| Vinyl Content (mol/%)          | 0.02~0.06 | 0.07~0.12 | 0.13~0.18 | 0.19~0.24 |
| Molecular Weight ( $10^4$ )    | 45~90     |           |           |           |
| Volatile Content (150°C, 3h %) | 2.0       |           |           |           |
| Item                           | 110-E     | 110-F     | 110-G     | 110-H     |
| Vinyl Content (mol/%)          | 0.25~0.49 | 0.50~1.49 | 1.50~2.49 | 2.50~3.49 |
| Molecular Weight ( $10^4$ )    | 45~90     |           |           |           |
| Volatile Content (150°C, 3h %) | 3.0       |           |           |           |
| Item                           | 110-I     | 110-J     | 110-K     | 110-L     |
| Vinyl Content (mol/%)          | 3.50~4.49 | 4.50~5.49 | 5.50~6.49 | 6.50~7.49 |
| Molecular Weight ( $10^4$ )    | 45~90     |           |           |           |
| Volatile Content (150°C, 3h %) | 3.0       |           |           |           |

### Applications:

This product is insoluble in water, soluble in toluene, etc. Its products have the excellent characteristics of compressed deformation, saturated water steam. In the industrial departments such as aviation, electronics, machinery, chemical industry, it can be used to create sealed materials with high and low temperatures and waterproof and moisture -proof insulation materials. Because of its physiological inertia, it can be used to produce artificial organs and medical pipes in terms of medical and hygiene. It is the raw material of silicon rubber.

### Package &Storage:

In 200kg drum or 950kg IBC.

Keep in cool, dry and ventilated place. Keep away from sunlight and fire sources. Keep in unopened containers, shelf life is 24 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.