

Room Temperature Vulcanized Silicone Rubber(OH Polymer)

Product Name:Room Temperature Vulcanized Silicone Rubber
(Methyl RTV 107/OH Polymer)

Molecular Formula: $HO[(CH_3)_2SiO]_nH$

CAS No.:70131-67-8

Product Standard:GB/T 27570-2011

Physical and Chemical Properties:Resistance to ozone, ultraviolet light
and extreme temperature
Relative Density(water=1): 0.97

Appearance: Colorless transparent sticky liquid

Properties and Uses

At room temperature, it can react with crosslinking agents in the presence of catalysts, to form a reaction product, which has many excellent properties such as keeping good elasticity from -60°C to 200°C, excellent electrical property chemical stability and good resistance to water, odor, weather. Therefore, it can be widely used in many industries, such as electronics, semiconductors, autos, mechanicals, fabric, plastic, printing, construction, etc.

Package, Storage and Handling

Steel drum, net weight 190kg/drum. International Bulk Container, net weight 950kg/IBC or ISO TANK. Storage at ventilate and dry place and prevention from water, heat and fire. Keep away from alkalis and acids substances and lead. It is non-hazardous substance. Be careful when loading and unloading to avoid damages of the package. During transporting, protect against damp, water, acid and alkali.

Technological Index:

Item	Viscosity (25°C)/(mPa·s)	Turbidity/NTU ≤	Volatile Compounds (150°C, 3h) /% ≤	Vulcanizing Time in surface/h ≤
RTV-107-T075	750±75	7.0	2.0	2.0
RTV-107-T009	850±85	7.0	2.0	2.0
RTV-107-T01	1000±100	7.0	2.0	2.0
RTV-107-T015	1500±150	7.0	2.0	2.0
RTV-107-T02	2000±200	7.0	2.0	2.0
RTV-107-T05	5000±500	7.0	2.0	2.0
RTV-107-1	10000±1000	7.0	2.0	2.0
RTV-107-2	20000±2000	7.0	1.0	1.0
RTV-107-5	50000±4000	7.0	1.0	1.0
RTV-107-8	80000±6000	7.0	1.0	1.0

Note: Other specifications according to contract. It can be customized according to the requirements.