

安徽艾约塔硅油有限公司

IOTA CORPORATION LTD.

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TDS of HTV Phenyl Silicone Gum IOTA34

Product Name: Phenyl Vinyl Methyl Silicone; Poly Dimethyl Diphenyl Vinyl Siloxane; Phenyl

Silicone gum; PVMQ

Molecular Formula:

Liquid: $[C_2H_3(CH_3)_2Si]_2O[(CH_3)_2SiO]_m[(C_6H_5)_2SiO]_n$

High consistency: $[(CH_3)_2SiO]_x[(C_6H_5)_2SiO]_y[CH_3C_2H_3SiO]_z[(CH_3)_3Si]_2$

Structure:

Liquid:

$$\begin{array}{c|c} CH_3 & CH_3 & CH_3 \\ H_2C = CH - S_i - O & S_i - O \\ CH_3 & CH_3 & CH_3 \\ CH_3 & CH_3 & CH_3 \\ \end{array}$$

High consisitency:

Specifications:

| Phenyl Content (mol %) | 5.0-25.0 |
|--------------------------------|---|
| Vinyl Content (mol %) | 0.10-0.35 |
| Molecular Weight (10 thousand) | 30-100 |
| Appearance | Colorless or yellowish transparent liquid |



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Application:

This product in addition to vinyl silicone rubber with a series of features, but also has good low temperature resistance, irradiation resistance, burning resistance and self-extinguishing. It is one of the important material of aerospace industry, cutting-edge technology. Can be used for all kinds of moulding and extrusion products, used in hardy and resistant to burning, heat aging and radiation resistant parts of the sealing ring, gasket, pipe, bar. Can also be used to manufacture all kinds of special purpose products, such as: making damping materials, pressure sensitive adhesive.

Package:

25KGS/Plastic drum, non-dangerous goods, avoid sun and rain exposure, isolated from fire, away from heat source. Over the storage period 3 years should review, if qualified can use.

For details, please contact,

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