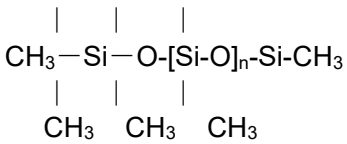
中天氟硅
TRANSIT FLUORINE SILICON

浙江中天氟硅材料有限公司
Zhejiang Zhongtian fluorine silicon material Co., Ltd.

Technical Data Sheet

PRODUCT INTRODUCTION

- Name: Polymethylhydrosiloxane (202 Hydrogen Silicone Oil)
- Structural formula:



- Product standard: HG/T 4804-2015 Polymethylhydrosiloxane
- Appearance：Colorless transparent liquid, without visible impurity.

PH Value: 7 Melt Point (℃): No data
Specific Gravity (Water,s=1): 0.995~1.101(25℃)
Vapor Density (Air·s=1): No data Boiling Point (℃): >35
Ignition Temperature (℃): 408 Flash Point (℃): 66.1
Explosive: No data
Dis-solubility: Soluble in organic solvents.

- Technical indexes

Item	Indexes
Hydrogen content /% ≥	1.55~1.65
Viscosity (25℃) /（mm^2/s）	15.0~30.0
Vdaf（105℃，1.5h）/% ≤	2.0
Acid value (count by HCl) /% （mg/Kg）≤	5

- Applications: Under the effect of metal catalyst, in the appropriate temperature, the hinge can be form waterproof membrane in a variety of substrate surface, widely used for fabric, leather, paper, metal, glass, cement, ceramic, marble, waterproofing agent, anti adhesion agent or anticorrosive agent and so on.
- Hazard characteristics: this product is flammable when it meet naked fire and high heat , no hazard.
- Stability: Stable
- Banned articles: Oxidant, Water, Alcohol, Acid, Alkali, Metal or Metal Compounds.
- Combustion (decomposition) products: Silica, Carbon dioxide, trace carbon of not complete combustion, formaldehyde, Hydrogen.
- Package storage and transportation: It should be packed in 200L plastic bucket and be stored in a shady, cool and ventilated storehouse. It should be kept away from kindling. Avoid direct sunlight. And it should be put and stored separately from oxidant, acid, and alkali. The installation of lighting and ventilation in the storehouse should be explosion-proof. Switches are located in outside the storehouse. Corresponding varied and quantitative fire fighting equipment should be equipped. Check regularly to make sure whether there is a leakage phenomenon. Operate and handle in nitrogen gas. When conveying, take care of loading and unloading to avoid damages on package and vessels. A regulated route is required for transportation without changing the route and staying on the midway.