



TECHNOLOGY MAKES LIFE BETTER

安徽省蚌埠市高新区兴中路 985 号
日月科技园

电话: 86-552-3827158

传真: 86-552-3822922

安徽艾约塔硅油有限公司

IOTA CORPORATION LTD.

Sunmoon industry park, 985 Xingzhong Road,
Bengbu, China 233000

Tel: 86-552-3827158

Fax: 86-552-3822922

TDS of High Viscosity Silicone Oils IOTA PDMS 47V5000 - 47V500000

Description: IOTA PDMS 47V5000 - 47V500000 (viscosities 5 000 - 10 000 - 12 500 -30 000 - 60 000 - 300 000 – 500 000) are dimethylpolysiloxane polymers with linear chains.

Advantages:

Excellent thermal stability,
Good resistance to combustion,
Good dielectric properties,
Low freezing point,
Low surface tension,
High compressibility,
Good oxidation resistance,
Absence of ageing under exposure to weather conditions,
Low variation of viscosity with temperature,
Good shear resistance,
Non miscible with most of organic materials,
Soluble in aromatic, aliphatic and chlorinated solvents,
Insoluble in water and alcohols.

Applications:

Antiadherent agents: mould release of plastics and metal castings,
Lubricants: lubrication of elastomers and plastics on metal,
Hydraulic damping fluids,
Additives in maintenance products (wax polishes, floor and furniture polishes, etc.).

Characteristics:

Appearance..... clear-colorless liquids
Viscosity at 25°C, mm²/s, approx..... 5 000 - 500 000
Flash point (open cup) , °C, >300
Fire point, °C >350
Pour point, °C, approx..... - 45
Refractive index at 25°C, approx. 1.404
Specific gravity at 25°C, approx..... 0.973

ADD: Sunmoon industry park, 985 Xingzhong Road, Bengbu, China 233000
Tel: 86-552-3827158; Fax: 86-552-3822922 Website: www.htvsilicone.com



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Package:

25 and 200 kg drums, in 1000kg containers or in tankers.

Storage and shelf life:

When stored in its original unopened packaging at a temperature of between -20 and +50 °C, **IOTA**

47V5000-47V500000 may be stored for up to 36 months from its date of manufacture (expiry date). Comply with the storage instructions and expiry date marked on the packaging. Past this date, IOTA no longer guarantees that the product meets the sales specifications.

For details, please contact,

IOTA CORPORATION LTD.

Add: Sunmoon industry park, 985 Xingzhong Road, Bengbu, China 233000

Mobile/Wechat: 0086-15255260163

QQ: 3374697933

Email: info@htvsilicone.com

Website: www.htvsilicone.com

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