



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

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安徽艾约塔硅油有限公司

Iota Silicone Oil(Anhui) Co.,Ltd.

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

Tel: 86-552-3827158

Fax: 86-552-3822922

TDS of IOTA silicone oil with 1000cst

IOTA silicone oil with 1000cst

Description: IOTA silicone oil with 1000cst is straight chained polydimethylsiloxane fluids.

Applications:

IOTA silicone oil with 1000cst is used as:

Thermostatic fluids (-50°C to +200°C)

Anti-blotting products for photocopying machines

Thinning and plastific agents for RTV's and silicone sealants

Raw material for Antifoam

Lubricating and heat protecting agents for textile threads (synthetic sewing threads)

Ingredients in maintenance products (polishes, wax polishes, floor and furniture polishes, etc.)

Paint additives (anti-cratering, anti-floating/flooding and anti-scratching effects, etc.)

Water repellent treatment:

-of powders (for paints and plastics)

-of fibers: glass fibers

Release agents (mold release of plastics and metal castings)

Lubricants (lubrication of elastomers or plastics on metal)

Surfactants for styrene-butadiene foam

HCR application to reduce hardness

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Properties:

Very good resistance to high and low temperature,
Good combustion resistance,
Low surface tension,
High compressibility,
Absence of ageing upon exposure to atmospheric agents,
Good oxidation resistance,
Little change in viscosity with temperature,
Good resistance to high and prolonged shear stress.

Technical index:

Appearance: Colorless and transparent liquid

Viscosity at 25°C, mm²/s, approx.: 1000

Specific gravity at 25°C, approx.: 0.970

Flash point (Open cup), °C, approx.: ≥300

Refractive index at 25°C, approx.: 1.403

Packaging:

IOTA silicone oil with 1000cst are available in 25 and 200 kg drums, in 1000kg containers or in 20 tonnes tank.

Storage and shelf life:

When stored in its original unopened packaging at a temperature of between -20 and +50 °C, **IOTA silicone oil with 1000cst** may be stored for up to 36month from its date of manufacture (expiry date). Comply with the storage instructions and expiry date marked on the packaging.

Exceed the date, IOTA no longer guarantees that the product meets specifications.

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