



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

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Technical Data Sheet

Leveling agents IOTA 3000

Leveling agents(Coating leveling agents, Ink leveling agents) reduce the surface tension of coatings to improve the wettability of the substrate Increase of surface slip and scratch resistance and anti- blocking properties, improve leveling, improved gloss and prevent Bernard vortex. It can add to solvent-based, solvent -free and water-based coating system.

Product Article: IOTA 3000

Product Name: Leveling agents(Coating leveling agents, Ink leveling agents)

Structure or composition: Polyether-modified organic polysiloxane.

Features:

Leveling agents(Coating leveling agents, Ink leveling agents) reduce the surface tension of coatings to improve the wettability of the substrate Increase of surface slip and scratch resistance and anti- blocking properties, improve leveling, improved gloss and prevent Bernard vortex. It can add to solvent-based, solvent -free and water-based coating system.

Physical and chemical Parameters:

Appearance: colorless to pale amber liquid

Specific gravity 25 °C: 1.036

Viscosity 25 °C (cs): 300 ~ 1200

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Refractive index 25 °C: 1.4492

Cloud point (0.1% solution): 38 °C

Water solubility: transparent

Surface tension 25 °C (mN / m): 22.7

Active ingredient (%) : 99.9

Leveling agents(Coating leveling agents, Ink leveling agents) Application:

Wetting, dispersing, lubricating, Solvent-free preparation

Reduce the surface tension of coating, substrate wetting, anti-oil shrink, anti-scratch, anti-adhesion. Improve leveling and gloss.

The water, oil, solvent-free systems are suitable.

Aqueous systems (water-based paint, paint, latex paint, water-based ink, gel ink),

recommended dosage of total formulation is about 0.3 to 1%

Oily System: Recommended dosage of the total formulation is about 0.05 to 0.5%

Solvent-free systems: Recommended dosage total formulation is about 0.3 to 1%

Packing: 25Kg plastic square barrel , 25Kg iron drum , 200Kg plastic drum , 200Kg iron drum

Storage and transportation: 5 ~ 40 °C sealed storage , transportation, storage should be avoided in freezing temperatures

Expiry: 12 months.

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Safety: non-combustible and non-dangerous goods

IOTA CORPORATION LTD.

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