



KUNSIL SILICONES INDUSTRY

410, SUNWOO BLDG, SEOCHO-DONG, SEOCHO-GU, SOUTH KOREA

Name of commodity: Amino Silicone Oil

Molecular formula: $R_1(CH_3)_2SiO[(CH_3)_2SiO]_n[(R_2)(CH_3)SiO]_mSi(CH_3)_2R_1$

R₁ is methyl or hydroxyl, R₂ is alkyl amine with primary amine and secondary amine.

Appearance of commodity: Colourless transparent or yellowish liquid.

Technical Indexes:

ITEM	INDEXES
Viscosity (25°C . mm ² /s)	200 – 10000
Amino content (wt%) ≥	0.1 – 1.2
Refractive Index (n _o ²⁵)	1.394 – 1.426
Density (25°C . g/cm ³)	0.965 – 0.989

Applications:

1. When the product is used in high-grade hair care or cosmetics, it can make hair softer, smoother, more radiant, significantly lower carding force, and antistatic, washable.
2. When finishing cotton, wool, hemp, silk and other fabric fibres, it can make the fabric soft smooth and elastic. Therefore, this product is an ideal material for high-grade hair care cosmetics and fabric softener
3. It can be used to polish and protect in wood, leather furniture and floor.

Package storage and transportation:

It should be packed in dry, clean plastic-lined drum or plastic drum or according to customer requirements. Packing is sealed and water infiltration is strictly prohibited. It should be stored in a cool, dry, ventilated place and keep away from the fire. Room temperature for 4 ~ 35°C is appropriate and not too high or too low. When conveying, take care of loading and unloading to avoid damages on package and vessels. During transportation packaging should be avoided damage, rain, moisture, sun protection, to prevent the infiltration of acid and other impurities.

Quality guarantee period:

Quality guarantee period of this product is 12 months. Recheck by this standard is required when the product exceeds the time limit. The product can still be used only after the result of recheck is up to this standard.