



H-1320 Silicone Feel Agent (Additive for Coatings, Inks, and Paints)

Crosslinkable Organically Modified Polydimethylsiloxane

Product Description:

H-1320 is a crosslinkable silicone feel agent primarily used in thermosetting elastic rubber paints and amino or PU varnishes. It imparts a unique, permanent soft feel to coatings.

Typical Properties:

These values are based on internal SiO New Material test data and are for reference only.

Parameter	Value
Appearance	Light yellow transparent to slightly cloudy liquid
Solid Content (120°C/2h)	90.00±3.00
Refractive Index (25°C)	1.4300±0.0050
Closed Cup Flash Point (°C)	>100
Viscosity (25°C, cps)	20-100
Specific Gravity (25°C)	1.05±0.02

Product Functions:

1. High reactivity and high-temperature crosslinking.
2. Permanent soft feel.
3. Excellent anti-adhesion and anti-tape properties; hydrophobic and oleophobic.
4. Unique release effect.
5. Excellent compatibility and high gloss.

Product Applications:

1. **Elastic Rubber Paint:** 0.8%, provides a soft feel without the need for additional elastic powder.
2. **PU Varnish (Gold-Pearl Varnish):** 1.0%, enhances gloss and provides a high-slip finish.
3. **Wood Grain Paper Luxurious Paint or PU Varnish:** 2.0%, offers anti-tape properties and a smooth feel.
4. **Leather PU Surface Agent:** 0.5-1.0%, provides a soft feel and anti-adhesion properties.
5. **Heat Transfer Inks:** 2.0-4.0%, ensures complete transfer of sublimation inks.



SiO New Material

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6. **Heat Transfer Release Agent:** 2.0-3.0%, enhances release thoroughness.

Usage Method:

Can be added during the manufacturing process or post-added to coatings and paints. It is recommended to dilute 3-5 times before adding and ensure complete and uniform dispersion.

Usage Limitations:

This product has not been tested or represented as suitable for use in food, medical, or pharmaceutical applications.

Transportation:

Non-hazardous, transport as regular chemicals.

Storage and Shelf Life:

Store unopened at room temperature. The product has a shelf life of 24 months from the date of manufacture.

Packaging:

- Finished Product Packaging: 25KG iron drum