



## H-1062H Water-based Hand Feeling and Abrasion Resistance Agent

### Modified Ultra-high Molecular Weight Poly Siloxane Dispersant

#### Product Description:

H-1062H is an ultra-large molecular silicone dispersant that provides a super smooth hand feeling and high abrasion resistance. It is suitable for applications in synthetic leather, leather surface coatings, high-viscosity ink, epoxy floor paint, and water-based overprint varnish.

#### Typical Properties:

Parameter	Value
Appearance	Yellowish translucent paste
Refractive Index	1.4130±0.0050
Solid Content %(120°C/2h)	80.00±3.00
Constant Acceleration	<5% stratification
Ionicity	Nonionic
Stable Diluent (DMF)	Precipitation free

#### Product Function:

1. Provides a super smooth hand feeling and high abrasion resistance.
2. Good compatibility with no impact on transparency.
3. Improves gloss and is VOC-free.
4. Reduces the likelihood of silicone spots and shrinkage.

#### Product Application:

*Recommended usage in the following fields:*

Application	Dosage (%)
Dry process PU leather	0.3-1.0%
PVC leather	0.3-1.0%
Oil-based textile PU coating	0.5-3%
Oil-based leather surfactant	0.3-0.8%
Oil-based epoxy floor paint	0.3-0.6%
Oil-based printing ink	0.1-1%
Water-based leather surfactant	0.3-1.0%
Water-based resin system	0.5-2.0%



Application	Dosage (%)
Water-based varnish	0.3-1.0%
Rubber & plastic products	0.5-2.0%

**Application Method:**

*Dilution Suggestions:*

- For solvent-based systems, dilute with ester and benzene by 5-10 times before adding. Stir well.
- For water-based systems, it can be used directly or diluted with water.

**Similar Items and Function Comparison:**

Function\Item	1991	1062H	1997M
Effective Content (%)	80	80	100
Hand Feeling	Smooth	Dry smooth	Dry smooth
Smoothness	★★★★★	★★★★★	★★★★★
Softness	★	★	★★★
Durability	★★★★	★★★★	★★★★
Compatibility	★★	★★	★★
Stable Dilution	★★★	★★★	★★★
Abrasion Resistance	★★★★★	★★★★★	★★★★★
Foam Control	★★	★★★	★★★
Anti-blocking	★★	★★★	★★★
Water\Oil\UV	Y/Y/N	Y/Y/N	Y/Y/N

**Conclusion:**

All three products belong to the category of ultra-large molecular hand feeling and abrasion-resistant agents. 1991 provides a smooth and strong abrasion-resistant finish. H-1062H is also suitable for high-viscosity paint and ink systems. 1997M offers a dry smooth hand feeling with good softness.

**Use Restrictions:**

This product has not been tested or approved for use in medical, pharmaceutical, or food-related applications.

**Storage and Validity:**

- Store unopened below 38°C.
- Shelf life: 24 months from the production date.



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**Product Packaging:**

- **Sample Package:** 75ml glass bottle
- **Finished Product:** 50KG plastic drum