

PLH

Adhesion Promoter

Overview

PLH is an adhesion promoter for baked coatings that does not contain polysiloxane compounds. It is primarily suitable for addition to baking primers or one-coat baking finishes, enhancing adhesion to non-ferrous metal surfaces.

Physicochemical Properties

Appearance	Transparent, slightly yellow liquid	Composition	Organic Polymer
Specific Gravity	0.94 g/ml	Active Ingredient	80.0±2 %
Acid Value	60-80 mgKOH/g	Solvent	IPA

Characteristics and **Advantage**

Significantly improves adhesion to difficult-toadhere non-ferrous metal surfaces;

Enhances the extensibility and impact resistance of the coating film;

Does not discolor under rapid high-temperature baking and does not affect the weather resistance of the coating film;

Does not affect the storage stability of the paint.

Dosage 1.5-2.5% of the total volume, can be added before or after grinding.

When used directly in primers, the dosage depends on the resin's adhesion properties. Please conduct a preliminary test before use.

Application Industry: Solvent-based baking coatings

Resins: Alkyd/amino resins, acrylic/amino

Precautions PLH contains acidic structures, which may cause a matting effect when

mixed with certain basic pigments. Please conduct preliminary tests

before use.

Storage Store at 0-40 $^{\circ}$ C in a cool, well-ventilated area. Keep the container

tightly sealed and away from heat and sources of ignition. If stored below $5 \, \text{C}$, the appearance may become frozen, cloudy, or separated. Please heat in a water bath until it reaches a clear state and stir well

before use.

Safety Refer to MSDS
Packaging 25 KG/Barrel

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The information provided is compiled based on our current knowledge and is intended for reference only. No guarantees are made. We reserve the right to modify product parameters within the scope of process advancements or product development. Due to the wide range of processing conditions and raw material combinations beyond our control, users are advised to conduct suitability tests before production.

Revision date: 2024.01.02 Version: 6309 V1 2024