ZOHO® HE3640



Product Data Sheet

HE3640 is a thermoset, solvent-based acrylic resin.

Characteristics

It is used to prepare hardware aluminum powder baking paint, pigmented baking paint with amino resin.

Delivery form

60% in xylene/isobutanol;

Product specifications

Solid Content:

Viscosity (25°C, NDJ rotational viscometer): 5.0-8.0 Pa.s

58.0-62.0%

clear and transparent

Color number $\leq 1\#$ (Fe-Co)

Acid value 7.0-12.0 mgKOH/g

Appearance

The following items are not required:

flash point

25℃ 0.99-1.03 g/ml

density (20°C) Principal properties

Good flexibility; Good adhesion; Good recoatability, recoatable PU/UV overcoat.

Applications

It is used to prepare hardware aluminum powder baking paint, pigmented baking paint.

Compatibility with resins and solvents

HE3611	+	HE3654	+	xylene	+	2- Butoxyethanol	+
HE1762	+	HE1767	+	trimethy lbenzen e	+	CAC	+
HE3746	+	HE5968	+	butyl acetate	+	isobutanol	+
HE3646 E	+	HE3659	+	Cyclohe xanone	+	Methyl ethyl ketone	+

Note: + means soluble/miscible; Omeans partially soluble/partially miscible;

- means insoluble/incompatible.

1.1 / 19.10.2023 (Replace all previous versions)

Reference recipe

aluminum powder	diluent		
HE3640	55	xylene	50
HE1762	22	toluene	10
BYK306	0.2	Butyl acetate	10
BYK052	0.1	CAC	15
E-44	4	isobutanol	15
XYL\ isobutanol	8.7		
aluminum powder	9		
Adherant ADP	1		

Storage guidelines

The resin should be stored indoors in original, unopened, undamaged container in a dry place at storage temperature no more than 30°C. Exposure to direct sunlight should be avoided.

Shelf life

Under above mentioned storage condition, the shelf life of the resin will be 365 days after production.

For more than 365 days, the goods are still owned by ZOHO Company, the company's QC can make the corresponding extension of the shelf life after testing qualified.

Material safety

This product data sheet only applies to the latest version of Material Safety Data Sheet. Any updates to safety-related information that are consistent with legal requirements will only be reflected in the safety data sheet, at the same time the Sheet will be updated and published. Information on current classification and labelling, application and process methods, and more safety-related data can be found in the latest Material Safety Data Sheet.

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