

HE3538 is a thermoset, solvent-based acrylic resin

Characteristics

It is used to prepare hardware industrial pigment baking paint with amino resin.

Delivery form

55% in isobutanol/xylene;

Product specifications

Solid Content:	53.0–57.0%
Viscosity (25°C, NDJ rotational viscometer):	2.0-5.0 Pa.s
Color number	≅ 1# (Fe-Co)
Acid value	0.0-3.0 mgKOH/g
Appearance	clear and transparent

The following items are not required:

flash point	25°C
density (20°C)	0.99-1.03 g/ml

Principal properties

- High hardness;
- Good flexibility and impact resistance;
- Good Aluminum powder arrangement;
- Good weather resistance.

Applications

It is used to prepare hardware industrial pigment baking paint.

Compatibility with resins and solvents

HE3654	+	HE3659	+	xylene	+	2-Butoxyethanol	+
HE1762	+	HE3646E	+	trimethylbenzene	+	2-Ethoxyethyl acetate	+
HE3611	+	HE5968	+	butyl acetate	+	isobutanol	+
HE3746	+	CYMEL 325 amino resin	+	Cyclohexanone	+	Methyl ethyl ketone	+

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

— means insoluble/incompatible.

Reference recipe

Aluminum powder paint		diluent	
HE3538	50	XYL	50
Aluminum powder	10	TOL	10
BYK306	0.2	n-Butyl acetate	10
BYK358N	0.1	CAC	15
E-44	5	isobutanol	15
XYL/ isobutanol	7.7		
HE1762	22		

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.