ZOHO® HE3611

Product Data Sheet

HE3611 is a thermoset, solvent-based acrylic resin

Characteristics

It is used to prepare glass paint, metal paint, metal ink, printing iron ink with amino resin.

Delivery form

60% in S-150#/n-BA;

Product specifications

Solid Content: 58.0–62.0%

Viscosity (25°C, NDJ rotational viscometer): 12.0-25.0 Pa.s

Color number ≦1#（Fe-Co)

Acid value 7.0-12.0 mgKOH/g

Appearance clear and transparent

The following items are not required:

flash point 37ºC

density (20°C) 0.99-1.03 g/ml

Principal properties

High gloss, good fullness;
Good water resistance;
Good adhesion to hardware and glass;
Good silk screen printing.

Applications

It is used to prepare glass paint, metal paint, metal ink, printing iron ink.

Compatibility with resins and solvents

HE3659	+	HE3640	+	xylene	+	2-Butoxyethanol	+
HE1762	+	HE3654	+	trimethylbenzene	+	CAC	+
HE3746	+	HE5968	+	butyl acetate	+	isobutanol	+
HE3646E	+	HE3747	+	Cyclohexanone	+	Methyl ethyl ketone	+

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

— means insoluble/incompatible.

Reference recipe

White paint		diluent	
HE3611	45	XYL	50
HE1762	18	Trimethylbenzene	10
BYK306	0.2	n-Butyl acetate	10
BYK052	0.1	CAC	15
Titanium dioxide	22	isobutanol	15
XYL\ isobutanol	13.7		
BYK110	1		

Storage guidelines

The resin should be stored indoors in original, unopened, undamaged container in a dry place at storage temperature no more than 30ºC. 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.