

HE9158 is an acrylic resin for water-based baking paints.

Characteristics

It is used to prepare water-soluble glass baking paint with methyl ether amino resin.

Delivery form

60% in PM;

Product specifications

Solid Content: 58.0–62.0%

Viscosity (25°C, NDJ rotational viscometer): 8.0-15.0 Pa.s

Color number $\leq 2\#$ (Fe-Co)

Acid value 55.0 – 65.0 mgKOH/g

Appearance clear and transparent

The following items are not required:

density (20°C) 0.99-1.03 g/ml

Principal properties

High gloss and high hardness;

Good water resistance, good alcohol resistance;

Good adhesion to glass.

Applications

It is mainly used for the preparation of glass baking paint/ink. Before use, it is necessary to add 9% of the resin amount of DMEA to neutralize.

Compatibility with resins and solvents

R717 amino resins	+	325 amino resins	+	isobutanol	+	BCS	+
303 amino resins	+	625 amino resins	+	n-butanol	+	CAC	+

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

— means insoluble/incompatible.

Reference recipe

transparent blue paint	
HE9158	55
DMEA	5
EKFA3034	0.3
Tego 245	0.3
958 coupling agent	2
325 amino resins	12
blue metal complex dye	10
BCS	10
deionized water	5

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.