

JIAXING RSTONE Chemical Co.; Ltd.

Technical Data Sheet

RS 7609-3

Aliphatic urethane acrylate dispersion

Introduction

RS7609-3 is a waterborne UV-curable resin applied to plastic substrates, which can be widely used in the coating of ABS, PC and other plastic substrates. RS7609-3 provides high hardness and abrasion, low VOCs, and APEO free. The solid content of RS7609-3 is about 50%.

Characteristics

1. Low odor.
2. Good adhesion on plastic substrates.
3. High hardness.
4. Good compatibility with waterborne pigment or dye paste.

Properties.

Property	Value	Unit
Viscosity (25°C)	50-500	cP
pH (25°C)	6-8	
Solid	48-52	wt%
Appearance	Milky white liquid	

* This performance represents only typical performance and should not be considered as a product specification.

Storage

This product should be stored in a sealed container at 4-40 °C with stable storage period for at least 3 months. If storage temperature below 4 °C, the emulsion will be frozen, and the product structure will be destroyed, resulting in non-restorative effects cannot be restored. If storage temperature is higher than 40 °C, the surface conjunctiva is caused by evaporation of water in the surface layer of emulsion, and the glue

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coating cannot be fully dissolved and used, also cause irreversible damage. After opening the package, it is recommended to use it once. And filtering properly before use.