

Jiaxing RSTONE Chemical Co.; Ltd.

Technical Data Sheet

RD 742

Water-borne bio-based UV polyurethane resin

Introduction

RD 742 is a water-borne bio-based UV polyurethane resin which shows excellent adhesion on plastic substrates, excellent hot-water resistance and combines high hardness. The emulsion is suitable for high gloss coating.

Characteristics

1. Contains 28% bio-based materials.
2. High hardness.
3. Good adhesion on plastic substrates and does not corrode the plastic substrate and primer.
4. Excellent hot-water resistance.

Property

Property	Value	Unit
Viscosity (25°C)	120-200	mPa•s
pH (25°C)	6.0-9.0	
Particle size	<200	nm
Solid	38 ± 2	wt%
Appearance	Milky white liquid	

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