

JIAXING RSTONE Chemical Co.; Ltd.

Technical Data Sheet

RS 7720V02

Aliphatic urethane acrylate dispersion

Introduction

RS 7720V02 is an anionic waterborne UV-curable resin which shows high functionality, good heat storage stability, fast coring, high hardness, excellent wear resistance, strong metallic texture, excellent adhesion on plastic substrates and excellent hot-water resistance.

Characteristics

1. Strong metallic effect, high FI value and low gloss.
2. Excellent wear resistance, RCA>250 times in metallic-effect coating.
3. Good adhesion on plastic substrates, such as PC、ABS+PC, etc.
4. Excellent hot-water resistance.
5. Good heat storage stability, high adaptability to temperature and co-solvent.

Property

Property	Value	Unit
Viscosity (25℃)	100-1000	mPa•s
pH (25℃)	6.5-8.5	
Functionality(cal.)	>6	-
Particle size	<200	nm
Solid	29±2	wt%
Appearance	Milky white liquid	

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