

Technical Data Sheet

RS 7722

Waterborne polyurethane acrylate

Description

RS7722 is a high performance water-based UV polyurethane acrylate, with fast curing speed, high hardness, excellent wear resistance, good orientation of silver powder, good adhesion and water resistance on the plastic substrate. Recommended for a silver powder paint.

Characteristics

- 1.Silver powder orientation outstanding, high FI value
- 2.Excellent wear resistance, RCA>250 times in silver powder paint
- 3.Good adhesion on PC, ABS+PC and other substrates.
- 4.Excellent boiling resistance, 80°C boiling for half an hour, 100 no shedding, no change in appearance.
- 5.Good memory stability

Items	value	unit
appearance	Milky white liquid	-
viscosity (25°C)	≤800	cP
pH value (25°C)	6.0-9.0	
Particle size	<150	nm
Solid content	33-37	wt%

Recommended formula		
RS7722		60
H2O		4
TPO		0.63
1173		0.63
aluminum powder (50%inPNB)		8.4
RHEOLATE 299(50% in PM)		0.7

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