

Acrylic emulsion for Cosmetics

VINYSOL 1086WP

1. INTRODUCTION

VINISOL 1086WP is an acrylic copolymer emulsion product for cosmetics. The dried film of 'VINISOL 1086WP' has superior water resistance and is suitable for use in eye make-up products such as mascara or eye-liner. It also shows superior curl retaining strength when used in mascara formulations as the binder. In addition, 'VINISOL 1086WP' falls under The Japanese Standards of Quasi-Drug Ingredients as "Alkyl Acrylate Copolymer Emulsion(2)".

2. COMPOSITION, CHARACTERISTIC

Ingredient	Alkyl acrylates copolymer emulsion
INCI name	AMMONIUM ACRYLATES COPOLYMER
Features	Superior curl retaining strength and water resistance

3. SPECIFICATION

Appearance	White emulsion with slight characteristic odor
Non-volatilization ingredient	40wt%
Viscosity(at25°C)	10 mPa·s
pH	8.0
Calculated Tg	10°C
MFT	16°C
Ionic character	Anionic
Microbe exam.	Pass

4. FILM PROPERTIES

Breaking elongation	290 %
Breaking strength	17.0 MPa

*1 exam.sample : 30mm × 10mm × 0.1mm (thickness)

exam. speed : 100mm/min

