

Acrylic Copolymer Emulsion

Technical Data Sheet

Name: Carfil® 9120NP
Revision Date: 2018-7-25

NO. WHSM_9120NP
Version: 1.3

Product Description

INCI Name: Styrene/acrylates copolymer

Carfil® 9120NP functions as a film former for personal care product such as mask, sun care, eyeliner and mascara. Carfil® 9120NP is easy to use, especially suitable for cold processes. The product also shows good compatibility with a broad range of cosmetic ingredients. Preservative: 2-phenoxyethanol 1300-1500 ppm and 1,2-Octanediol 500-700 ppm. The effects of other substances and pH values on the inactivation of preservative should be noted.

Properties

1. Outstanding water resistance
2. Good film-formation
3. Easily removed

Characteristic data *

Property	Value	Unit	Method
Appearance	Milky white emulsion		Visual
Solids	47-49	wt%	WHPU/T011-571-2017 (5cm 150°C,20min)
pH	7.0-9.0		GB/T 6920-1986
Viscosity(25°C)	200-700	mPa·s	GB/T2794-2013 (62/30/LV)
T _g	0.8	°C	GB/T 22567-2008

*These properties are typical but do not constitute specifications.

Storage

The product should be stored in dry condition between 5~35°C with the integrity of the packaging, and prevented from direct sunlight. The validity of this product is for 9 months, performance assessment is recommended before use after shelf life. The product should be protected from freezing during storage. It is suggested to filter before application and use up once the package is open.

Carfil[®] 9120NP



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