

Aqueous Polyurethane Dispersion

## Technical Data Sheet

Name: Carfil® H10  
Revision Date: 2019-01-18

NO. WHSM\_H10  
Version: 1.1

### Product Description

INCI Name: Polyurethane-10

Carfil® H10 polymer is an aqueous polyurethane dispersion, which enable shampoo exhibit excellent *volumising* effect. Carfil® H10 is easy to use, and suitable for transparent system. Carfil® H10 shampoo could not only provide elastic volume, lifting weightless roots and visibly thicker looking hair, but also supply smooth touch & vivid hair. Preservative: 2-phenoxyethanol 7000ppm. The effects of other substances and pH values on the inactivation of preservative should be noted.

### Properties

1. Naturally volumising effect
2. Smooth touch&vivid hair
3. Suitable for transparent formulations
4. Lack of odor

### Characteristic data<sup>\*</sup>

Property	Value	Unit	Method
Appearance	Transparent to translucent		Visual
Solids	29-31	wt%	WHPU/T011-571-2017 (5cm 150°C,20min)
pH	6.0-8.0		GB/T 6920-1986
Viscosity(25°C)	≤200	mPa·s	GB/T2794-2013 (61/30/LV)

\*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

# Carfil<sup>®</sup> H10



product should be protected from freezing during storage. It is suggested to filter before application and use up once the package is open.

**Disclaimer:** Wanhua Chemical Group Co., LTD. recommends that customers should check with Materials Safety Data Sheet (MSDS) for details about safety instructions. We also suggest that you contact the suppliers of other materials used in our recommended formulations and consult appropriate health and safety regulations prior to use. The information contained herein is believed to be reliable. However, nothing in this technical sheet should be considered as a representation of warranty, express or implicit, regarding the product characteristics, application, quality, safety, merchantability or fitness for a particular purpose. Nothing contained herein is to be considered as permission, recommendation, nor as an inducement to practice any patented invention without permission of the patent owner.

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