

Hydrophobically Modified Ethoxylated Urethane

## Technical Data Sheet

Name: Carfil® 9240NP  
Revision Date: 2018-9-29

NO. WHSM\_9240NP  
Version: 1.2

### Product Description

INCI Name: PEG-150/Decyl Alcohol/SMDI Copolymer

Carfil® 9240NP rheology modifier is a nonionic Hydrophobically-modified Ethoxylated Urethane (HEUR) thickener designed for personal care applications. As with other Carfil rheology modifiers, the polymer is a liquid product for easier handling and manufacturing efficiency. Carfil 9240NP is offered at 20% solids. Preservative: 2-phenoxyethanol 6500-7500 ppm and 1,2-Octanediol 2500-3500 ppm. The effects of other substances and pH values on the inactivation of preservative should be noted.

### Properties

1. ICI efficiency
2. Low odor and VOC
3. Excellent leveling property
4. Water resistance
5. Wide range of pH compatibility

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

Property	Value	Unit	Method
Appearance	Light milk-white to yellow milky liquid		Visual
Solids	19-21	wt%	WHPU/T011-571-2017 (4cm 150°C,20min)
Viscosity(25°C)	3000-8000	mPa·s	GB/T2794-2013 (5/30/RV)

\*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> 9240NP



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.