

Carfil 9143H

CARBOMER

Technical Data Sheet

Name: Carfil 9143H

No. WHSM_9143H

Revision Date: 2024-12-05

Version: V1.0

Product Description

INCI Name: CARBOMER

Carfil® 9143H Carbomer is a highly cross-linked acrylic polymer synthesized through a benzene-free solvent polymerization process. It provides efficient thickening while delivering high transparency and short flow characteristics. Widely used in personal care, home care, and industrial cleaning applications, Carfil® 9143H functions as both a thickener and stabilizer.

Properties

1. Benzene-free solvent
2. Efficient thickening and stability
3. Short fluidity
4. Wide range of pH use
5. High transparency

Characteristic data*

Property	Value	Unit	Method
Appearance	Fluffy, white powder		Visual
0.5% Solution viscosity (25 °C, Neutralized)	55000-80000	mPa·s	WHSM/T011-009-2021
0.5% Solution transmittance (25 °C)	≥80	%	WHSMT011-010-2021
Water content	≤2.0	%	WHSMT011-007-2021
arsenic	<2	ppm	WHRD/T011-0447-2022
Lead, arsenic, mercury, antimony	<10	ppm	WHSM/T011-006-2021
Residual Solvent Content	≤1.0	%	

*These properties are typical but do not constitute specifications.

ecoworkers[®]

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 24 months, performance assessment is recommended before use after shelf life. The product should be protected from moisture 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.