

Celvolit® 1498 (SG)

Technical Data Sheet

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Characteristics

Celvolit® 1498 (SG) is a copolymer dispersion based on Vinyl acetate and ethylene.

General

Celvolit® 1498 (SG) has the feature of high viscosity responding with plasticizers and solvents. Celvolit®1498 (SG) is designed as a base for compounded adhesives that required high wet tack and fast setting properties. It provides adhesion to a wide variety of substrates with a strong and permanently bonding strength with high heat resistance.

It is used in the formulation of:

- Paper and converting adhesives
- Woodworking adhesives

Stabilization System

Poly(vinyl alcohol)

Why Celvolit® 1498 (SG)

- High wet tack
- Fast set
- Compatible with a variety of plasticizers, solvents, fillers and other modifiers

Performance may vary depending on your formulation. Please contact our Application Technology Group to assist you.

Product Specification**	Method*	Unit	Value
Solid content (130°C, 30min)	ISO 3251	%	54.5~56.5
Brookfield viscosity (4#/20, 25°C)	ISO 2555	mPa·s	3000~4500
pH value	ISO 976		4.0~5.0

Typical Property***	Method*	Unit	Value
MFFT	ISO 2115	°C	approx. 0
Tg (Heat rate 10°C/min, onset point)	ISO 16805	°C	approx. 3
Tg (Heat rate 10°C/min, middle point)	ISO 16805	°C	approx. 6

* Standard adjusted to Celanese method. Further details regarding the test method can be made available on request.

**These quality data are determined by these product specification for each lot before release by our quality control laboratory.

***These data are solely to describe the product. They are not subject to constant monitoring or part of the specification.

Guidelines for Preservation and storage

Celvolit®1498 (SG) has a minimum shelf life of 6 months from the ex-warehouse date in its original unopened packaging, provided the product is stored hygienically at temperatures between 5 and 35°C, avoiding frost and direct sunlight.

The dispersion contains some initial biocides to impede attack by microorganisms.

In order to protect the product appropriately against microbiological attack after the first opening and storage thereafter in opened drums, tanks or other storage facilities, please consider adding a suitable preservative.

Furthermore, it must be ensured that already opened drums and containers are always tightly closed. All tanks and pipe-work should be kept adequately clean.

Skins or lumps can form during storage and transport of the dispersion due to its film forming nature. A filtration or sieve process is recommended before further processing. For bulk storage, regular stirring is common practice.

Product Safety, Regulatory Status and Environmental Protection

Please employ the usual protective measures while handling aqueous polymer emulsions. Further product safety or regulatory information can be obtained from our safety data sheets at www.celanese.com/msds and our regulatory data sheets which are available on request.

This information is based on our present state of knowledge and is intended to provide general notes on our products and their possible uses. However, we do not assume any liability whatsoever for the accuracy or completeness of the information contained herein. It should therefore not be construed as an expressed or implied warranty of specific properties of the products or for its suitability for a particular use. Any existing industrial property rights must be observed. The quality of our products is governed by our General Conditions of Sale. In every case we urge and recommend that purchasers before using any product in full scale production make their own tests to determine to their own satisfaction whether the product is of acceptable quality and is suitable for their particular purposes under their own operating conditions.

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