

ACCLAIM[®] 4200

Characterization

Acclaim Polyol 4200 is a linear polypropylene ether polyol that is suitable for combination with Desmodur[®] in the formulation of solvent-free or low-solvent polyurethanes.

Form supplied	Solvent-free, pale, low-viscosity liquid.
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Characteristic data

Property	Value	Unit of measurement	Method
Hydroxyl number	26.5 - 29.5	mg KOH/g	
Acid number	0.004 - 0.020	mg KOH/g	
Water content	≤ 0.03	% by wt.	
Color (APHA)	≤ 50		
Unsaturation	≤ 0.007	mAeq/g	

Other data*

Property	Value	Unit of measurement	Method
Density at 25°C	approx. 1.0	g/cm ³	
OH equivalent weight	approx. 2,000	g	
Viscosity @ 25°C	approx. 980	mPa•s	
Hydroxyl content	0.80 - 0.90	% by wt.	

*These values provide general information and are not part of the product specification.

Properties / Applications

Acclaim Polyol 4200 is suitable for combination with many Desmodur[®] products in the formulation of solvent-free elastic coatings, adhesives and sealants.

Acclaim Polyol 4200 can be thinned with solvents such as esters, ketones and aromatics. Only PU grade solvents should be used (< 0.05% by wt. water).

As with any product, use of Acclaim Polyol 4200 in a given application must be tested (including but not limited to field testing) in advance by the user to determine suitability.

Storage

Acclaim Polyol 4200 should be stored in tightly sealed original containers and protected from moisture, heat, and foreign materials. The product is sensitive to moisture and should therefore be stored in its sealed original containers. Recommended storage temperature is 15°-25°C.

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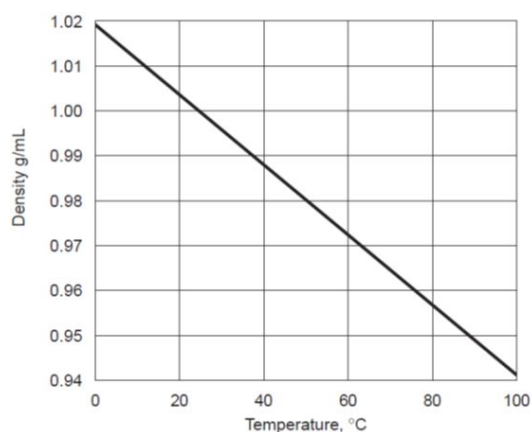
Storage time

Acclaim Polyol 4200 has a shelf life of six months from date of receipt at customer, provided the material is stored in sealed original containers at the recommended storage temperature.

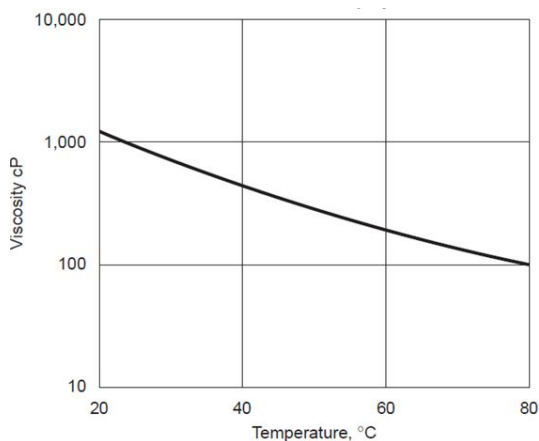
Health and Safety Information

Appropriate literature has been assembled which provides information concerning the health and safety precautions that must be observed when handling this product. Before working with this product, you must read and become familiar with the available information on its risks, proper use, and handling. This cannot be overemphasized. Information is available in several forms, e.g., safety data sheets and product labels. For further information contact your Covestro LLC representative or the Product Safety and Regulatory Affairs Department in Pittsburgh, PA.

Charts/Tables/Graphs



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The manner in which you use and the purpose to which you put and utilize our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance and information to determine to your own satisfaction whether our products, technical assistance and information are suitable for your intended uses and applications. This application-specific analysis must at least include testing to determine suitability from a technical as well as health, safety, and environmental standpoint. Such testing has not necessarily been done by us. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. It is expressly understood and agreed that you assume and hereby expressly release us from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance, and information. Any statement or recommendation not contained herein is unauthorized and shall not bind us. Nothing herein shall be construed as a recommendation to use any product in conflict with any claim of any patent relative to any material or its use. No license is implied or in fact granted under the claims of any patent.

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