



Effective: 2010.11.29

Witcobond.com

## Witcobond® W-281F

Witcobond® W-281F is an aqueous polyurethane dispersion with no free isocyanate.

### Typical Dispersion Properties

Solids Content (%)	39 – 41
pH at 25°C	7 – 9
Viscosity at 25°C (cps)	0 - 300
Appearance	White
Polyurethane Dispersion Type	Aliphatic, polyester, anionic
Co-solvent: % / Type	0 / -
Specific Gravity at 25°C	1.05
Tg / Minimum Film-Forming Temperature (°C)	-30 / 0

### Typical Film Properties

Tensile strength (psi) / (MPa)	8200 / 57
100 % Modulus (psi) / (MPa)	1200 / 8
Ultimate Elongation (%)	430
Hardness: Konig / Sward / Pencil	20-30 / 10-20 / -

### Safety, Storage and Handling Information

The appropriate Material Safety Data Sheet must be consulted before Witcobond W-281F is stored, transported or used. Witcobond W-281F dispersion should be protected from frost, and stored between 5°C and 30°C. Witcobond polyurethane dispersions should be stirred thoroughly before use. Under these storage conditions Witcobond W-281F in original, unopened containers has a shelf life of twelve months.

Witcobond® W-281F is manufactured and distributed by Chemtura Corporation and its subsidiary company, Baxenden Chemicals Limited."



199 Benson Road  
Middlebury, CT 06749,  
USA

APAC: +86-21-38666526  
EU: +44 (0)1905 794 795  
Korea: +82-2-5413806

NA: 877-873-0273  
Central America: +52-55-5010-6607  
Latin America: +55-19-3522-5082



Union Lane, Droitwich,  
Worcester WR9 9BB  
UK

The information contained herein relates to a specific Chemtura product and its use, and is based on information available as of the date hereof. Additional information relating to the product can be obtained from the pertinent Material Safety Data Sheets. Nothing in this Technical Data Sheet shall be construed to modify any of Chemtura's standard terms and conditions of sale under which the product is sold by Chemtura. NOTHING IN THIS TECHNICAL DATA SHEET SHALL BE CONSTRUED TO CONSTITUTE A REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, REGARDING THE PRODUCT'S CHARACTERISTICS, USE, QUALITY, SAFETY, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Nothing contained herein shall constitute permission or recommendation to practice any intellectual property without the permission of the owner.

Chemtura and the Chemtura logo are trademarks of Chemtura Corporation or one of its subsidiaries.

Copyright (c) 2010 Chemtura Corporation. All rights reserved.