



Effective: 2010.11.29

Witcobond.com

Witcobond[®] 386-51

Witcobond[®] 386-51 is an aqueous polyurethane dispersion with no free isocyanate.

Typical Dispersion Properties

Solids Content (%)	59 – 61
pH at 25°C	7 – 9
Viscosity at 25°C (cps)	50 - 400
Appearance	White
Polyurethane Dispersion Type	Aliphatic, polyether, anionic
Co-solvent: % / Type	0
Specific Gravity at 25°C	1.06
Tg / Minimum Film-Forming Temperature (°C)	- / 0

Typical Film Properties

Tensile strength (psi) / (MPa)	6000 / 40
100 % Modulus (psi) / (MPa)	300 / 2
Ultimate Elongation (%)	1000
Blocking Temperature (°C)	170
Hardness: Konig / Sward / Pencil	15 / - / -

Safety, Storage and Handling Information

The appropriate Material Safety Data Sheet must be consulted before Witcobond 386-51 is stored, transported or used. Witcobond 386-51 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 386-51 in original, unopened containers has a shelf life of 12 months.

Witcobond[®] 386-51 is manufactured and distributed by Chemtura Corporation and its subsidiary company, Baxenden Chemicals Limited.”



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