

## Witcobond<sup>®</sup> 460-64

## Technical Data

Witcobond 460-64 is an aqueous polyurethane dispersion with no free isocyanate.

### Typical Dispersion Properties

Solids Content (%)	29 - 31
pH at 25°C	7 - 9
Viscosity at 25°C (cps)	10 - 200
Appearance	Colloidal
Polyurethane Dispersion Type	Aliphatic, polyester, anionic
Co-solvent: % / Type	5% DPGDME
Specific Gravity at 25°C	1.03
T <sub>g</sub> / Minimum Film-Forming Temperature (°C)	- / 0

### Typical Film Properties

Tensile strength (psi) / (MPa)	8700 / 60
100 % Modulus (psi) / (MPa)	2000 / 14
Ultimate Elongation (%)	600
Blocking Temperature(°C)	160
Hardness: König / Sward / Pencil	60 / - / -

### Safety, Storage and Handling Information

The appropriate Material Safety Data Sheet must be consulted before Witcobond 460-64 is stored, transported or used. Witcobond 460-64 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 460-64 in original, unopened containers has a shelf life of 12 months. Witcobond 460-64 is an experimental product that is supplied in good faith for laboratory evaluation purposes. Users are advised to enquire about the current status of Witcobond 460-64 before embarking on large-scale or longer-term development work with this product.



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