

WITCOBOND® 390

WITCOBOND® 390 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)	200-900
Appearance	White
Polyurethane Dispersion Type	Aliphatic, polyether, anionic
Co-solvent: % / Type	0
Specific gravity at 25°C	1.04
Tg, / Minimum Film-Forming Temperature (°C)	-58 / 0

Typical Film Properties	
Tensile strength (psi) / (MPa)	4300 / 300
100 % Modulus (psi) / (MPa)	300 / 2
Ultimate Elongation (%)	800
Blocking Temperature (°C)	185
Hardness: Köning / Sward / Pencil	35 / - / -

Storage and Handling:

The appropriate Material Safety Data Sheet must be consulted before Witcobond® 390 is stored, transported or used. Witcobond® 390 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® 390 in original, unopened containers has a shelf life of 12 months.





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Unless specified to the contrary, the values given have been established on standardized test specimens at room temperature. The figures should be regarded as guide values only and not as binding minimum values. Kindly note that the results refer exclusively to the specimens tested. Under certain conditions, the test results established can be affected to a considerable extent by the processing conditions and manufacturing process.

Customers in the USA are kindly requested to refer to:

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