

# Witcobond® W-505

Polyurethane (Polyester based)

Chemtura

Message:

Witcobond W-505 is an aqueous polyurethane dispersion with no free isocyanate.

General Information		
Features	Aliphatic	
Appearance	Translucent	
Forms	Dispersion	
Physical	Nominal Value	Unit
Specific Gravity	1.06	g/cm <sup>3</sup>
pH (25°C)	7.5 to 8.5	
Solids Content	39 to 41	%
Hardness - Sward	10.0	
Pencil Hardness	HB-B	
Cosolvent - N-Methylpyrrolidone	2.6	%
Minimum Film-forming Temperature	0	°C
Elastomers	Nominal Value	Unit
Tensile Stress (100% Strain)	6.89	MPa
Tensile Strength	34.5	MPa
Tensile Elongation (Break)	480	%
Thermal	Nominal Value	Unit
Glass Transition Temperature	-46.0	°C
Thermoset	Nominal Value	Unit
Thermoset Mix Viscosity (25°C)	600 to 900	cP

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT