

# Shuang-Bang AB-205

Polyurethane

Shuang-Bang Industrial Corp.

## Message:

Two component PU Resins

General type resin (waterproof)

Because the molecular weight of two componet resin is quite low, adding and mixing adequate crosslinker is necessary. It would increase molecular weight and make more meshed PU structure, which would enhance the strength of membrane. Applied to yarn fixation, primer coating, pore filling. The high solid content would enhance water pressure resistance, gross, and firm-feeling of textile coating. Adding promotors would enhance aging condition and reinforce adhesion.

Cloth lamination. Lamination of cloth and TPU&PVC. For direct coatings.

High water resistance, non-yellowing, hydrosis resistance, good hand-feel, good peeling strength.

PU resin for direct coating. Applied to bottoming.

General Information		
Features	Crosslinkable	
	Hydrolysis Resistant	
	Moisture Resistant	
Uses	Coating Applications	
	Laminates	
Appearance	Transparent - Slight Yellow	
Additional Information	Nominal Value	Unit
Solvents	DMF/TOL	
Uncured Properties	Nominal Value	Unit
Color	Clear/Yellow Tint	
Solids Content	44 to 46	%
Viscosity (25°C)	30 to 60	Pa·s
Cured Properties	Nominal Value	Unit
Tensile Modulus (100% Secant)	0.981 to 1.96	MPa
Tensile Strength	> 9.81	MPa
Tensile Elongation at Break	> 400	%

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