Xyjiao® LH-596
Self-Crosslinking Water-Based Polymer Emulsion

Product Description

Xyjiao® LH-596 is a self-crosslinking modified waterborne polymer emulsion. No organic solvents, plasticizers, formaldehyde or APEO are added during manufacture. With a favorable odor profile, it is an environmentally friendly and safe waterborne adhesive.

LH-596 provides good bond strength and wet tack for bonding a variety of smooth and porous substrates, including paper, cardboard, cotton fabric, foam and wood. Its low initial viscosity enables good penetration into porous substrates. It offers good pigment dispersibility. With its relatively high hardness, LH-596 can be used as a textile stiffener or as a rigid emulsion to adjust the overall hand of textiles. It is compatible with waterborne emulsions such as polyurethane, acrylate and styrene-butadiene latex and can be blended with them.

Product Features

• High stiffness

• Strong wet tack

• Relatively low initial viscosity

Applications

• Packaging adhesives, paper bonding or textile lamination

• Stiffener for textiles and paper

Product Data

Appearance	Milky-white liquid
Solids content (%)	58 ± 1
Viscosity (mPa·s, 25 °C)	1000-3000
pH	3.0-5.0

Storage

5-30 °C. Shelf life: 6 months.

Packaging

50 kg