



英德市国彩精细化工有限公司

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## Water Based Polyurethane Resin® PU-2944

### 【Description】

**PU-2944** is a kind of anionic aliphatic polycarbonate polyurethane dispersions, ECO friendly without DMAC and NMP, can be filmed in room temperature, fast drying speed, excellent resistance to viscous and hot sticky back, high gloss, fullness, good resistance to abrasion and scratch, hydrolysis resistance, weather resistance not yellowing, good film-forming transparency, good water resistance, strong sticky relay and adhesion, low odor, no heavy metal, no free formaldehyde, excluding APEO and phthalates acid salt, excluding organic tin compound, heavy metal, formaldehyde and other toxic and harmful ingredients.

### 【Technical Data】

Appearance	Semitransparent liquid
Solid Content /%	35±2
Viscosity/mPa·S	<500
PH	7-9
Tensile Strength/Mpa	>20
Elongation /%	≈150
Modulus (100%)/Mpa	>16

### 【Application】

**PU-2944** can be widely used in wood paint, industrial plastic, metal paint and other industries. It can be used alone or mixed with other water-based acrylic emulsions to improve the fullness of the paint film.

### 【Storage】

Suggesting sealed storage, temperature from 5 °C to 30°C, can't freeze, prohibiting mixing with kation substance or oil painting.