



# Changzhou Juyou New Material Tech Co.,Ltd.

---

## JY-202E Methylhydrogenpolysiloxane silicone emulsion

JY-202E is one kind of reactive Methylhydrogenpolysiloxane silicone emulsion for Water Repellent. especially designed for use as a water repellent for all types of woven, knit and nonwoven fabrics.

When used with a catalyst, it provides durable water repellency. When used in Paints, Inks & Coatings, upon heating the polymer will crosslink at the site of the hydrogen atoms to form a durable film.

### FEATURES

- Can be diluted with water to improve dispersion
- Good abrasion resistance and tear strength
- Evolves hydrogen when mixed with bases, heavy metals or their compounds
- Durable water repellency
- Greater abrasion resistance
- Good water repellency

### BENEFITS

- Durable water repellency
- Full, luxurious hand
- Greater abrasion resistance
- Improved tear strength
- Cost competitive – in many cases, this silicone is less costly than other types of water repellents, including fluorocarbons

### TYPICAL PROPERTIES

Test	Unit	Value
Appearance		Milky white liquid
Silicone Content	%	60
pH		4-5
Flash Point, closed cup	°C (°F)	93 (200)

### APPLICATIONS

Treatment for powders and granular materials to make them water repellent and free flowing, and to reduce caking.

Water repellent and softener for all types of woven, knit and nonwoven fabrics.

Metal surface mold release agent.