

JiChuan Polymer Quenchant A

Product Description

JiChuan Polymer Quenchant A is nonflammable polymeric quenchant. It is an aqueous solution of a liquid organic polymer and a corrosion inhibitor. The organic polymer is soluble in water and produces a homogenous solution. At temperatures above 74°C (165°F), however, the polymer separates from water as an insoluble phase.

JiChuan Polymer Quenchant A is suitable for following application.

- ☆ The heat treatment of carbon and alloy steels by flames, induction and submerged induction heating.
- ☆ In batch and continuous furnace operations employing gas-fired and carburizing-carbonitriding atmospheres.
- ☆ With wrought, case and forged aluminum alloys.

Typical Physical Property

	JiChuan Polymer Quenchant A
Weight per Gallon @ 20°C, l	9.13
Specific Gravity at 20/20°C	1.097
Pour Point, °C (°F)	-20°C (-4°F)
Viscosity at 100°F (37.8°C), SUS	2500
PH Value	9~11
Rust Inhibition, ASTM D 665A	Pass
Flash Point, Cleveland Open Cup, ASTM D 92	None

Shanghai Jichuan Trading Co.,Ltd.

Add: No 1201, Yinhai Building, Caoxi Road, Xuhui District, Shanghai

Tel: (86)021-64820099

24h Hotline: 15900706965

Fax: (86)021-64513829

Website: www.pingyiao.com

E-mail: info@jichuan.sh.cn



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