

BOTE Polymer Quenchant A

Product Description

BOTE 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.

Applications

- 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

	BOTE Polymer Quenchant A
Weight per Gallon @ 20°C, l	9.13
Specific Gravity at 20/20°C	1.092
Pour Point, °C (°F)	-16°C (-3°F)
Viscosity at 100°F (37.8°C), SUS	2200~2800
PH Value	8.5~10.5
Rust Inhibition, ASTM D 665A	Pass
Flash Point, Cleveland Open Cup, ASTM D 92	None