

BOTE Polymer Quenchant E

Product Description

BOTE Polymer Quenchant E is a nonflammable polymeric quenchants and is aqueous solutions of a liquid organic polymer with corrosion inhibitor. The organic polymer is soluble in water. At temperatures above 74°C (165°F), however, the polymer separates from water as an insoluble phase.

Applications

- Large alloy parts from tilt-top, car-bottom and pit furnaces
- Forged parts that are quenched directly from the forge
- Sensitive alloys and shapes heated by induction
- Parts processed from continuous and batch-furnace operations employing gas-fired, neutral, and carburizing-carbonitriding atmospheres requiring oil quenching rates

Typical Physical Property

	BOTE Polymer Quenchant E
Weight per Gallon @ 20°C, l	8.94
Specific Gravity at 20/20°C	1.074
Pour Point, °C (°F)	-11°C (-12°F)
Viscosity at 100°F (37.8°C), SUS	1120~1375
PH Value	8.5~10.5
Rust Inhibition, ASTM D 665A	Pass
Flash Point, Cleveland Open Cup, ASTM D 92	None