

INERTEEN 100-42
Specification Properties - February 22, 1968

<u>PROPERTY</u>	<u>TYPICAL</u>
Visc. at 37.8°C (ASTM D88-56)	82-92 seconds Saybolt Universal
Specific Gravity at 25/15.5°C (ASTM D1810)	1.381-1.392
Color, APHA	60 max.
Condition	Clear
Acidity, mg. KOH/g. (ASTM D974, D664)	0.01 max.
Pour Point, °C (ASTM D97-57)	-17 or lower
Inorganic Chlorides (ASTM D1821)	0.05 ppm. max.
Refractive Index at 25°C (ASTM D1807)	1.6240 - 1.6260
Distillation Range (ASTM D20-56)	
°C corrected for stem and barometric pressure.	10% 325 min.
Water content (ASTM D1533-60)	90% 360 max.
Resistivity, 100°C 500 volts DC at 0.1 inch gap (ASTM D1169) ₉ 100 x 10 ⁹	35 ppm. max
Dielectric constant, 100°C at 1,000 cycles (ASTM D924-49)	ohm-cm. min.
Fire Point*	4.7 to 4.9
Dielectric strength (ASTM D877-49) at 25°C KV min.*	None to boiling point
Phenoxypropene Oxide %	35
	0.18 - 0.22

*Not determined unless by special request.

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