

INERTEEN PPO-70-30

(70% Aroclor 1254 + 30% TCB + 0.2% PPO)

<u>Properties</u>	<u>Typical</u>
Visc. at 37.8° C., (ASTM D88)	56 to 61 SUS
Specific Gravity at 15.5/15.5° C. (ASTM D1810)	1.518 to 1.528
Color APHA	100 max.
Condition	Clear
Acidity, mg. KOH/g. (ASTM D974, D664)	0.014 max.
Pour Point, °C. (ASTM D-97)	-30° C. or lower
Inorganic Chlorides, ppm. (ASTM D1821)	0.05 max.
Refractive index at 25° C. (ASTM D1807)	1.6153 to 1.6173
Distillation range (ASTM D20)	1st drop - 200° C. min.
Corrected for stem and barometric pressure	Below 270° C. - 35% max. 90% - 379 - 394° C.
Corrosion	After heating with aluminum for six hours at 200-220° C., the aluminum must not be corroded either on visual or weight inspection, and the askarel should meet the following specs:
	Color, APHA 200 max.
	Acidity, mg. KOH/g. 0.014 max.
	Inorganic chlorides ppm. 2 max.
	Condition Clear
Water content ppm. (ASTM D1533)	30 max.
Resistivity 100° C. 500 Volts, DC 0.1" gap (ASTM D1169)	100 x 10 ⁹ ohm-cm, min.
Dielectric Strength, 25° C (ASTM D877)	35 KV, min.
Dielectric Constant, 100° C 1000 cycles* (ASTM D924)	4.2 - 4.5
Phenoxy Propene Oxide or Glycidyl Phenyl Ether (ASTM D1701)	0.18% - 0.22% by weight
Burn point, (ASTM D92)*	None to boiling point
Fixed Chlorine*	55.6 min.
Coefficient of Thermal Expansion* (ASTM D1903)	0.0007 cc/cc/° C.

*Not determined unless by special request.

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