GENERAL ELECTRIC 1470

SPECIFICATIONS

Property	Specifications
Viscosity S.U.S. 37.8°C.	40 - 43
Specific Gravity 15.5/15.5°C.	1.563 - 1.571
Color, APH	150 Maximum
Pour Point °C.	Lower than -44
Fire Point °C. *	None up to boiling point
Condition	Clear
Distillation Range °C. (Corrected)	1st drop 210 Minimum
(% by volume)	35% 232 - 240
	55% 275 - 300
	65% 380 - 390
	90% 390 - 400
Refractive Index 25°C.	1.6075 - 1.6085
Chemical Properties:	
Acidity (Mg.KOH/g.)	.014 Maximum
Free Chlorides, p.p.m.	.10 Maximum
(Tin Tetraphenyl content %)	0.125% ± .01% by weight
Fixed Chlorine % *	60.5 ± 0.5
Corrosion Test	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 Pyranol should meet the following specifications:
Color	200 APH
Acidity	.01 Maximum
Free Chlorides, P.P.M.	(5 Maximum)
Condition	Clear
Arc-formed gases * (oxygen-free liquid at 25°C.)	Less than 1.0% total combustible gases including carbon monoxide, hydrogen, and volatile hydrocarbons
Water Content, p.p.m.	30 Maximum
Electrical Properties	
Dielectric Strength, 25°C. KV	35 Minimum
Resistivity, 100°C., 500 VDC (ohm/cm^3)	100×10^9 Minimum
Dielectric Constant, 1000 cycles *	
25 °C.	4.4 - 4.7
100 °C.	3.8 - 4.1
Electrical Stability *	After heating for 96 hours at 100°C. in a closed container, the resistivity shall not decrease more than 10 percent.

* Not determined unless by special request.

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