

VELVEX - 296 IT

Is an Inhibited Transformer Oil meeting IEC 296 Class I A :1982 Standard Specification

Sr. No.	Characteristics	Unit	Test Method	Guaranteed Data	
				Min	Max
1	Appearance		Representative sample of the oil shall be examined in transmitted light under a thickness of 10cm at ambient temperature	Clear free from sediment and suspended matter	
2	Density at 20° C	Kg/m3	ISO 3675		0.895
3	Kinematic Viscosity at 40°C	cSt	ISO 3104		16.5
	Kinematic Viscosity at 15°C				800
4	Flash Point, PMCC	°C	ISO 2719	140	
5	Pour Point	°C	ISO3016		-30
6	Inter Facial Tension at 25°C	N/m	ISO 6275	0.04	
7	Neutralization Value	Mg KOH/gm	7.7 of IEC 296		0.03
8	Water Content, Bulk/Drum	ppm	IEC 733		30/40
9	Breakdown Voltage as delivered/ After Treatment	KV		30/50	
10	Dielectric Dissipation Factor (Tan delta) at 90°C&40 to 60Hz	-	IEC 247	0.005	
11	Corrosive sulphur copper strip, 140°C,19 Hrs	-	ISI 5662	Non Corrosive	
12	Anti Oxidant Additives	%	IEC 666 (limits given as guideline only)	0.15	0.40
13	Induction period	Hours	IEC 74 (Limits given as Guideline only)	120	