



MARSHAL ENGINEERING CORPORATION

(WHOLLY OWNED SUBSIDIARY OF MARSHAL TECH LIMITED, ENGLAND.)

KALSI'S, PLOT No: 38-39, SERENE MEADOWS,
GANGAPUR ROAD, NASIK-422013, INDIA.

MECLEC-CO-11

MECLEC-CO-11 is a High Voltage Cable Insulating Oil meeting IEC-867 SUB CLAUSE 5.1 Also meets ASTM D-1275 B.

Sr.No.	Characteristics	Unit	Test Method	Result
1	Appearance		Visual inspection of oil sample in transmitted light under a thickness of 10 cm at ambient temperature	Clear free from sediment and suspended matter
2	Density	g/ml	ASTM D-1298	0.875
3	Kinematic Viscosity at 40°C	mm ² / sec	ASTM D-445	9.65
4	Flash Point	° C	ASTM D-93	135
5	Pour Point	° C	ASTM D-97	-40
6	Acidity	mg KOH / g	ASTM D-974	0.01
7	Water Content Bulk/Drum	mg / kg	ASTM D-1533	30/40
8	Breakdown Voltage as Delivered/After Treatment	kV	ASTM D-877	30/70
9	Volume Resistivity	Ωcm	ASTM D-1169	2.1 X 10 ¹⁵
10	Corrosive Sulphur Copper Strip, 150°C, 48 Hrs.		ASTM D-1275 B	Non Corrosive
11	Inter Facial Tension at 25°C	mN/m	ASTM D-971	Not Required
12	DBDS	mg/kg	IEC-62697	<5 mg/kg
13	Dielectric Dissipation Factor Tanδ at 90°C		ASTM D-9924	<0.005
14	Sludge	%	IEC-61125	0.8
15	PCA Content	%	IP-346	3
16	Gassing Tendency	μL/min	IEC-60628	Not Required
17	PCB Content	%	IEC-61619	Not Detectable
18	Z-Furfural	mg/kg	IEC-61198	Not Detectable
19	ECT		IEC-60296	Not Required
20	Particle Content		IEC-60970	Not Required

Disclaimer :

MARSHAL ENGINEERING CORPORATION makes no warranties, representation or conditions of any kind expressed or implied for use with respect to these products. Final determination of suitability of the product for application by the user is solely their responsibility.