

Methanol & Ethanol Testing

Standard Test Method for the Determination of Methanol and Ethanol in Electrical Insulating Liquids

A cellulose degradation and ageing marker analysis



WEIDMANN

WEIDMANN Electrical Technology Inc.
A Member of the WICOR Group

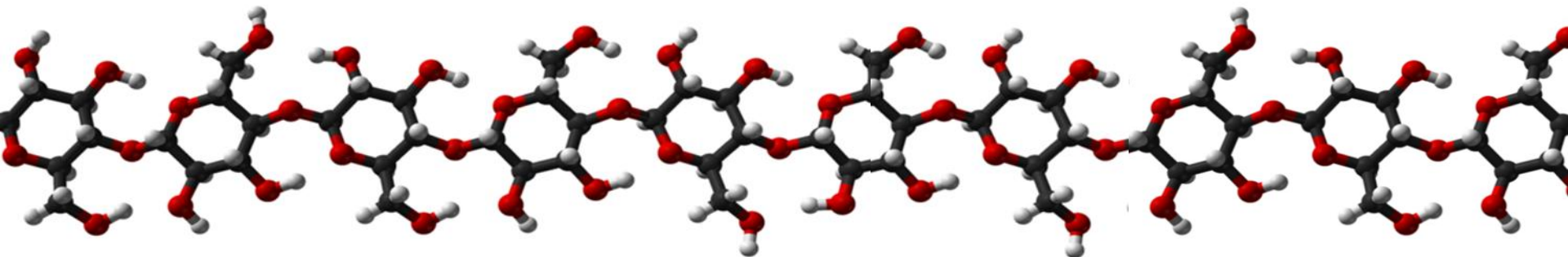


Liquid Testing and the Aging of Solid Insulation

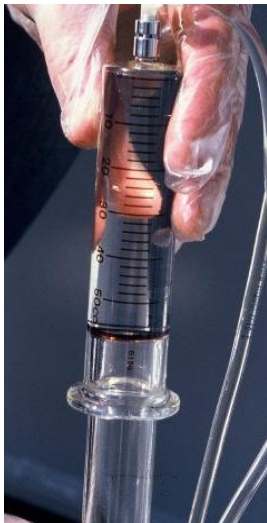
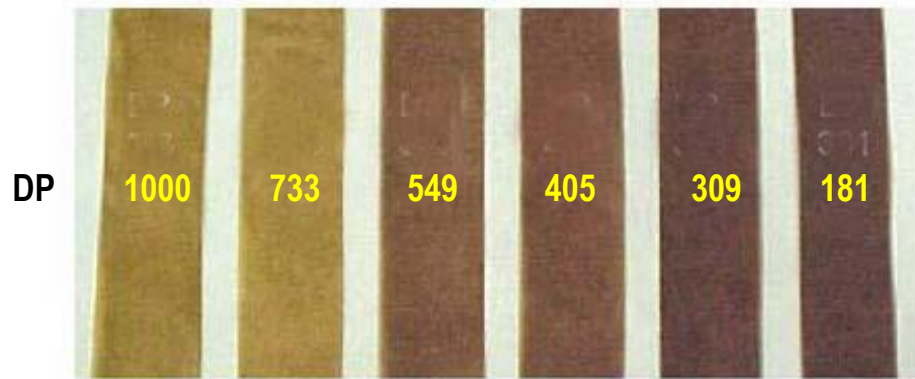
- Acidity
- Moisture
- Oxidation
- Carbon Oxides
- Furanic Compounds
- Methanol/Ethanol (NEW)

DP_v (New Paper): 1000-1200

DP_v (End-of-Life): 150–200



Methanol and Solid Insulation (DP_v)



[Methanol] (ppb)*	Mean Calculated (DP _v)	Paper Condition
0-50	1000-700	Healthy
51-200	700-450	Moderate deterioration
201-1440	450-250	Extensive deterioration
>1440	<250	End of life criteria

* Corrected at 20C using Temperature Correction Factors