WW cables

CHLORINATED DIPHENYL HIGH BOILER

Samples taken from chlorination of distilled high boiler in Anniston plant chlorinator in May, 1936 and vacuum distilled in the laboratory. This chlorination was B-8. The 5460 was from Batch 7 and was distilled in the plant still.

Crude Sample No.	B-8-S-4	B-8-S-6	B-8-S-10	B-7
Lab. code No.	4 D	6 D	10 D	L-7
Code No. given G.E.	A-0	B-0	D-0	E-0
Aroclor No.	5442	5448	5454	5460
Fixed chlorine	41.4%	47.9%	54.83%	60.45%
Color (Lovibond)	5.5	6.0	20.0	-
Pour point	46	63	84	-
Softening point	48.5	60	85	105
Sp.gravity 90/90°C	1.417	-	-	-
Viscosity 98.9°C	313.5*	395.0*	—	-
Flash point	247°C	250°C	-	-
Burn point	>350°C	>400°C	-	-
Chlorides	none	none	none	none
Acidity	0.004	0.008	0.004	-
Evaporation	0.002	0.006	0.007	-
Resistivity	5795	-	-	-
Ageing	-	-	-	-
Dielectric Constant	5.03	4.65	4.17	-

All tests were made by the methods and are reported in the terms given in the G.E. specifications for Pyranols, except sp.gr. and color.

*Note: Calculated from Furol seconds to seconds Saybolt Universal.

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6/17/38

R. L. Jenkins

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