

Residual lignin elemental analysis from Kappa 30 SW Kraft Pulp

EA % as Na₂O	Sulfidity % as Na₂O	Max Temp/ °C	H- Factor	% C	%H	%O	%S	%OMe	Molecular Formula
16.0	30.0	165.0	1294	61.90	5.25	28.06	1.39	12.8	C ₉ H _{7.6} O _{2.5} S _{0.08} (OCH ₃) _{0.78}
20.0	30.0	165.0	790	62.41	5.47	27.66	1.48	12.9	C ₉ H _{7.9} O _{2.5} S _{0.09} (OCH ₃) _{0.78}
16.0	50.0	165.0	929	62.38	5.31	28.11	1.54	12.5	C ₉ H _{7.7} O _{2.5} S _{0.09} (OCH ₃) _{0.76}
20.0	50.0	165.0	570	62.65	5.50	28.22	1.54	13.2	C ₉ H _{7.9} O _{2.5} S _{0.09} (OCH ₃) _{0.80}
16.0	30.0	175.0	1294	62.45	5.27	28.32	1.65	13.0	C ₉ H _{7.6} O _{2.5} S _{0.10} (OCH ₃) _{0.79}
20.0	30.0	175.0	790	62.44	5.33	28.07	1.56	13.2	C ₉ H _{7.6} O _{2.5} S _{0.09} (OCH ₃) _{0.80}
16.0	50.0	175.0	929	63.01	5.37	28.51	1.42	13.0	C ₉ H _{7.7} O _{2.5} S _{0.08} (OCH ₃) _{0.78}
20.0	50.0	175.0	522	62.57	5.51	28.56	1.60	13.3	C ₉ H _{7.9} O _{2.6} S _{0.09} (OCH ₃) _{0.81}
14.6	40.0	170.0	1352	62.43	5.46	28.62	1.29	12.9	C ₉ H _{7.5} O _{2.6} S _{0.08} (OCH ₃) _{0.78}
21.4	40.0	170.0	565	62.66	5.32	28.27	1.44	13.7	C ₉ H _{7.3} O _{2.5} S _{0.08} (OCH ₃) _{0.83}
18.0	23.2	170.0	1217	62.87	5.19	28.47	1.54	13.6	C ₉ H _{7.5} O _{2.5} S _{0.09} (OCH ₃) _{0.82}
18.0	56.8	170.0	646	62.23	5.32	28.35	1.58	13.1	C ₉ H _{7.6} O _{2.5} S _{0.09} (OCH ₃) _{0.78}
18.0	40.0	161.6	806	62.57	5.32	28.20	1.48	13.4	C ₉ H _{7.6} O _{2.5} S _{0.09} (OCH ₃) _{0.81}
18.0	40.0	178.4	806	63.23	5.35	28.23	1.49	13.2	C ₉ H _{7.6} O _{2.5} S _{0.09} (OCH ₃) _{0.79}
18.0	40.0	170.0	806	63.47	5.41	28.31	1.62	13.6	C ₉ H _{7.7} O _{2.5} S _{0.09} (OCH ₃) _{0.81}
18.0	40.0	170.0	806	63.28	5.42	28.47	1.64	13.3	C ₉ H _{7.6} O _{2.5} S _{0.10} (OCH ₃) _{0.80}
18.0	40.0	170.0	806	63.09	5.39	29.07	1.46	13.4	C ₉ H _{7.6} O _{2.6} S _{0.08} (OCH ₃) _{0.81}
18.0	40.0	170.0	806	62.93	5.34	29.37	1.49	12.6	C ₉ H _{7.7} O _{2.6} S _{0.09} (OCH ₃) _{0.76}
18.0	40.0	170.0	806	63.66	5.43	28.54	1.42	13.4	C ₉ H _{7.6} O _{2.5} S _{0.08} (OCH ₃) _{0.80}
18.0	40.0	170.0	806	63.44	5.51	28.91	1.40	12.9	C ₉ H _{7.9} O _{2.6} S _{0.08} (OCH ₃) _{0.77}