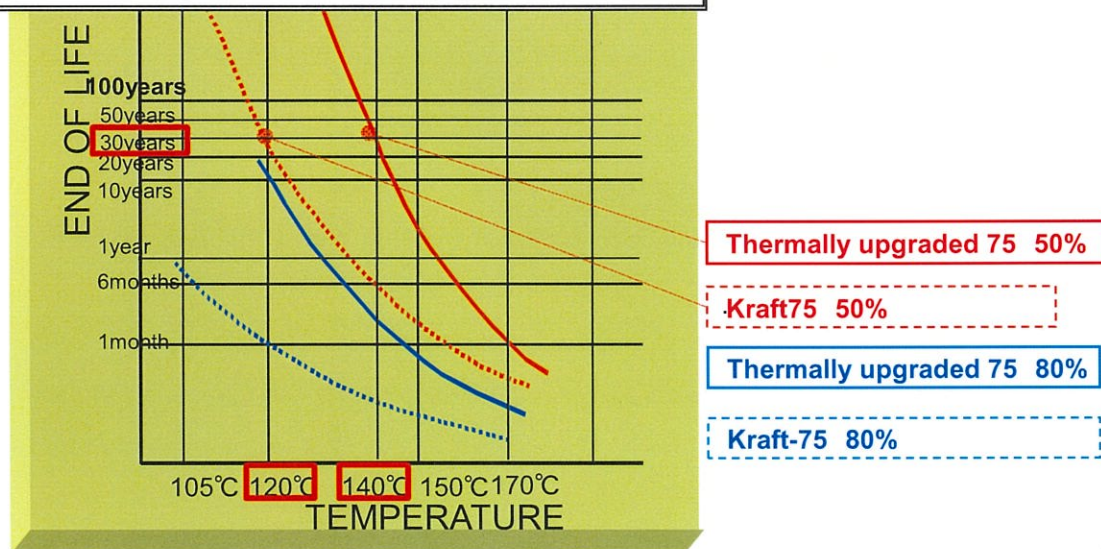


Heat-resisting properties of Thermally upgrade paper and Kraft paper

Fig.1 Thermally upgraded 75micron and Electrical grade Kraft Paper on thermal life in mineral oil with 50% and 80% of initial **POLYMERIZATION DEGREE(DP)** as criteriion for end of life



Method of processing (DP & Tensile strength)

Samples were contained In pot and immersed In mineral oil, after evacuating at 105°C, the space above oil surface was filled with air at about 1 atom.

Based on arrhenius plot, end of life of Thermally up graded paper in 140 degree Celsius is proved to be 30 years.

This document is a graphical representation of the results obtained from a single experiment.