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# THERMAL ANALYSIS OF ADHESIVES DGEBA (DIGLYCIDYL ETHER OF BISPHENOL A) AND ITS INFLUENCE ON RESISTANCE OF POLYMERIC REPAIRS AND BONDED JOINTS

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This work uses different types of thermal analysis to characterize thermomechanically the polymer-based DGEBA more applicable in pipe repairs and manufacture of bonded joints in the oil industry. We used analysis of Differential Scanning Calorimetry (DSC) to determine the glass transition temperature (Tg) of three different commercial composites. Along with these tests were performed Thermogravimetric analysis (TG) and Differential Thermogravimetry (DTG) to study the behavior of these materials at high temperatures.

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