

THERMOMECHANICAL BEHAVIOUR OF U.V. CURED EPOXYACRYLATE  
PRIMARY COATINGS OF OPTICAL FIBERS

E. Karmazsin, A. Zaganaris  
Université Claude Bernard - LYON I  
Laboratoire de Chimie Appliquée et Génie Chimique (ERA N° 300)  
43, Boulevard du 11 Novembre 1918  
69622 VILLEURBANNE CEDEX (FRANCE)

P. Satre and J. J. Balay  
Centre National d'Étude des Télécommunications  
22301 LANION (FRANCE)

ABSTRACT

Thermomechanical behaviour of various resins are studied under static and dynamic conditions and especially two different epoxy acrylic primary coatings of optical fibers.

Results show the influence of composition on the thermomechanical properties as well as the aging parameters under hostile environment.

Experimental curves are given and results are discussed.

Full text of this contribution was not submitted.