

DUC PROPELLER HUB - RESISTANCE TEMPERATURE RESISTANCE

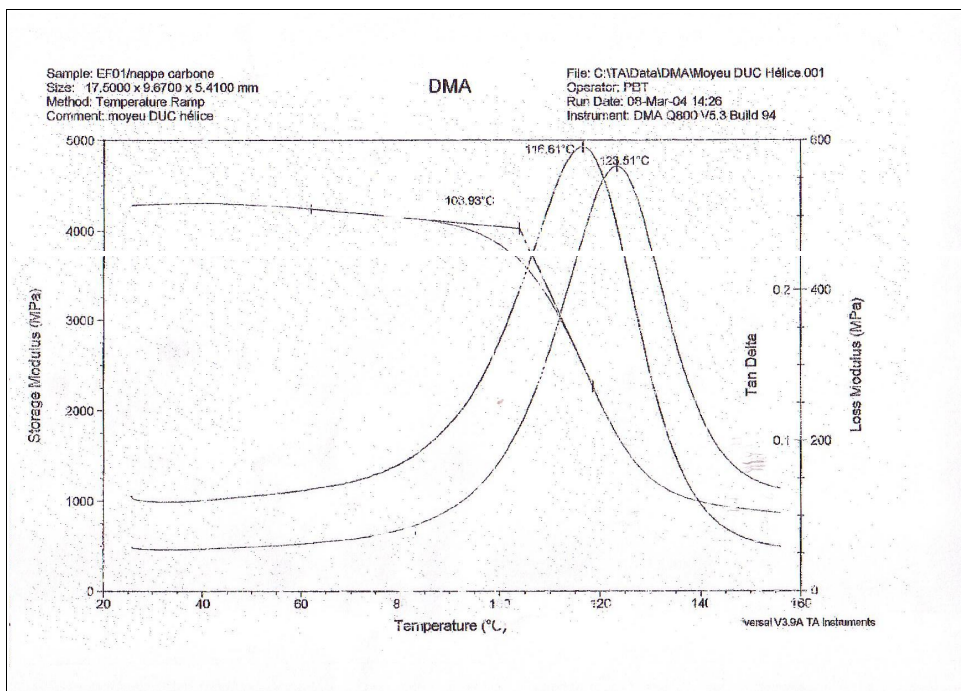
The tests of temperature resistance were carried out on a sample of DUC propeller half hub manufactured with the Forged Carbon process in HEXCEL COMPOSITES laboratory.

Pré-imprégnated carbon fibers:

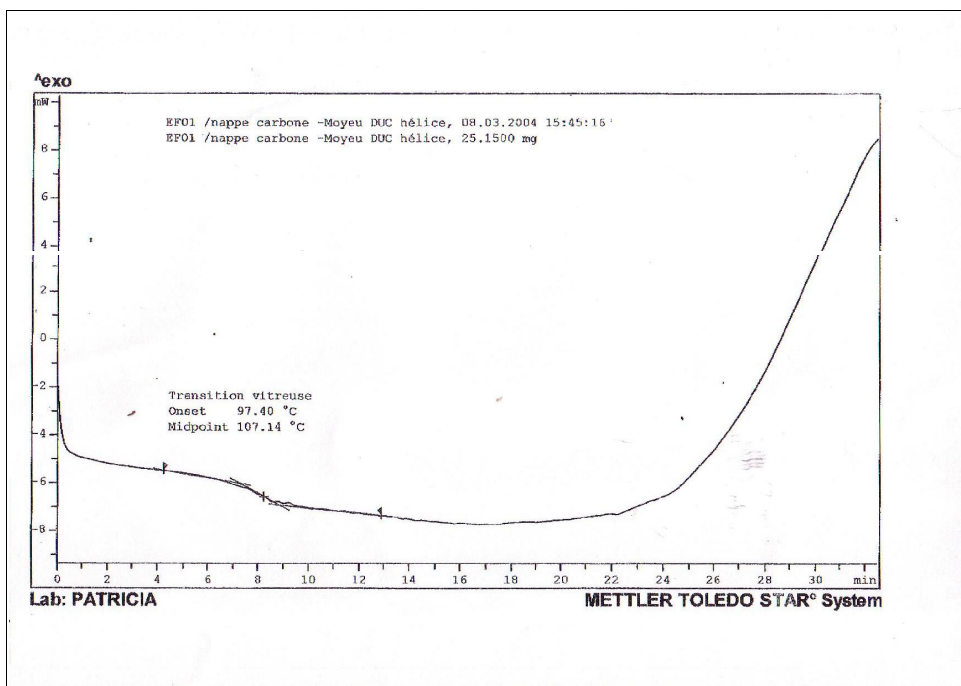
Reference : Hexply® UD/EF01-H/38%/300/THR1000

Résultats :

The results of tests of Tg were carried out on DSC and DMA apparatuses.(see the curves)



DMA curve
Tg = 103.93°C



DSC curve
Tg = 107.14°C