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**Crystallization Behavior of PP / GFR PA-66 Blends-composites
Using Poly (propylene) – grafted - maleic Anhydride as a Compatibilizer***Z. Safidine (a), S. Fellahi (b), A. Frick (c)**(a) Laboratoire de Chimie Macromoléculaire BP 17 Bordj El Bahri 16111 Algiers, Algeria**(b) Plastics and Rubbers Department IAP 35000 Boumerdes Algeria**(c) Polymers technology Department University of applied Sciences Aalen Germany*

Poly (propylene) / poly (propylene) – grafted- maleic anhydride / Glass Fiber Reinforced Polyamide 66 (PP/PP-g-MAH/ GFR PA 66) Blends-composites were investigated with and without the addition of Poly (propylene)-grafted-maleic anhydride (PP-g-MAH). The effect of the compatibilizer on the thermal properties and crystallization behavior was determined by differential scanning calorimetry (DSC). From the results it is found that the crystallization of IPP is significantly affect by the presence of PP-g-MAH. In these blends-composites, concurrent crystallization behavior was not observed for GFR PA66, even though the amount of PP-g-MAH was high.