## diene elastomers with sp<sup>2</sup> carbon allotropes

Giuseppe Infortuna<sup>1</sup>, <u>Andrea Bernardi</u><sup>1</sup>, Silvia Guerra<sup>1</sup>, Vincenz na Barbera<sup>1</sup>, Silvia Agnelli<sup>2</sup>, Stefano Pandini<sup>2</sup>. Maurizio Galim/terti<sup>1</sup>

<sup>1</sup>Politecnico di Milano, Department of Chemistry, Materials and Chemical Engineering "G. Natta", Via Mancinelli 7, 20131 Milano, Italy <sup>2</sup>University of Brescia, Department of Mechanical and Industrial Engineering

andrea.bernardi@polimi.it

## **OBJECTIVES**

The aim of this work was to develop elastomeric materials for automotive application based on sp<sup>2</sup> carbon allotropes, to identify a common correlation between features of sp<sup>2</sup> carbon allotropes and properties of elastomer composites and finally to design composites suitable for automotive application based on this

