1. Motivation The flow-induced structural behavior of carbon black suspensions has been widely investigated due to its relevance in many applications inks, coatings, including paints, and electrochemical energy storage methods. J Carbon black has been studied in a variety of media, but a direct measurement of the structure of these suspensions while under shear has proven to be challenging, especially at higher volume fractions. Goal: Measure and understand the flow-induced microstructural behavior of carbon black suspensions in general using simultaneous

4. Rheological and structural behavior at $Bi^{-1} > 1$



i rheological and structural measurements.







| pp. 1-5, (2014).