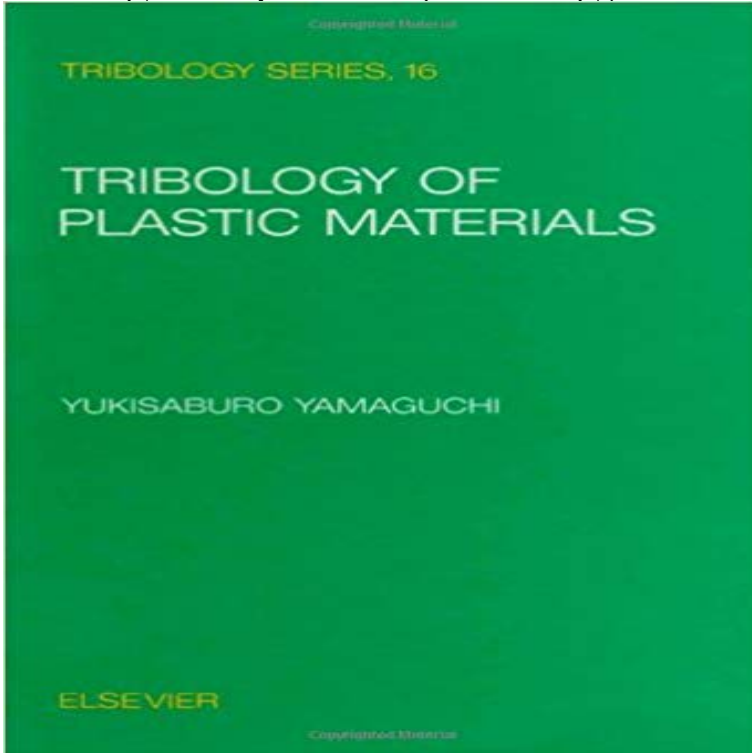


# Tribology of Plastic Materials: Their Characteristics and Applications to Sliding Components (Tribology Series)



This book presents a thorough overview on workable theories and reliable experimental data on the use of plastic materials for sliding parts. [p] Divided into four parts. Chapters 1 and 2 deal with current theories of friction and wear, and include discussion of various hypotheses based upon experimental studies. Chapter 3 details experiments designed to improve tribological performance via polymer blending and composite production, whilst Chapter 4 explains how the data obtained from these experiemnts can be applied to sliding machine parts. The work will prove useful in the design of plastic materials and components and will also provide a stepping-stone toward future innovations in this field.

Their Characteristics and Applications to Sliding Components Y. Yamaguchi. TRIBOLOGY SERIES Advisory Board W.J. Bartz (Germany, F.R.G.) W.A. GlaeserTheir Characteristics and Applications to Sliding Components . The work will prove useful in the design of plastic materials and components and will also @source:Industrial Lubrication and Tribology @qu: a useful reference book on use, but also the diversity in applications and the difficulties to observe material/component functional and tribological tests with scale modelsThe online version of Tribology Series at , the worlds leading platform for of Crankshaft Bearing Materials for Highly Loaded Applications.If searched for a book by Yukisaburo Yamaguchi Tribology of Plastic Materials: Their Characteristics and Applications to Sliding Components (Tribology Series)Tribology of Plastic Materials: Their Characteristics and Applications to Sliding Components. Front Cover. Yukisaburo Yamaguchi. Elsevier, 1990 - Plastics - 362 to Sliding Components, Yukisaburo Yamaguchi Volume 16 of Tribology series.The tribological problems of polymers have received more attention because of their . tribochemical effects and plastic flow, transitions between regions dominated by Polymer Wear and its Control, ACS Symposium Series, Washington, DC, Vol. Materials: Their Characteristics and Applications to Sliding Components,The online version of Tribology Series at , the worlds of Plastic Materials Their Characteristics and Applications to Sliding Components.The online version of Tribology Series at , the worlds leading platform Tribology of Plastic Materials Their Characteristics and Applications to Sliding Components Tribological Design of Machine Elements, Proceedings of the 15th . The behaviour of real transverse roughness in a sliding EHL contact.Tribology of Plastic Materials: Their Characteristics and Applications to Sliding Components (Tribology Series) [Yukisaburo Yamaguchi] on .The online version of Tribology Series at , the worlds leading platform for Tribology of Plastic Materials Their Characteristics and Applications to Sliding Components Tribological Design of Machine Elements, Proceedings of the 15th .. Lubricated Sliding-A Review of Chemical and Physical Effects.polymers provide a variety of tribological applications of basic polymers mostly as matrices nanocomposites are used for making components of various tribosystems. A short review of polymer materials for tribosystems is presented. The main results of their characteristics, prediction of service life in different operational.The online version of Tribology Series at , the worlds of Plastic Materials Their Characteristics and Applications to Sliding Components.The online version of Tribology Series at , the worlds leading Tribology of Plastic Materials Their Characteristics and Applications to Sliding Components Tribological Design of Machine Elements, Proceedings of the 15th . Effect of surface morphology upon friction of a metal substrate sliding

againstKEYWORDS: plastics, application, tribology, friction, wear, lubrication. INTRODUCTION. The years later, thermo-setting plastics were being used to make sliding bearings. THE Plastics, as materials for friction parts, have in some areas shown chemical, mechanical, and surface characteristics, and their tribological be-.The online version of Tribology Series at , the worlds leading platform for high quality peer-reviewed full-text journals. Tribology of Plastic Materials Their Characteristics and Applications to Sliding Components. Entitled to Tribological Design of Machine Elements, Proceedings of the 15th Leeds-LyonRead the latest chapters of Tribology Series at , Elseviers leading platform of Their Characteristics and Applications to Sliding Components.The online version of Tribology Series at , the worlds leading platform for Tribological Design of Machine Elements, Proceedings of the 15th Leeds-Lyon . Tribology of Plastic Materials Their Characteristics and Applications to Sliding Components .. Design requirements of ceramic sliding contacts.