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Eğitim Bilgileri

Bütünleşik Doktora, University of Ulster, Mühendislik, Makina, Birleşik Krallık 1989 - 1994

Lisans, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Makina, Türkiye 1979 - 1985

Yabancı Diller

İngilizce, C1 İleri

Yaptığı Tezler

Doktora, INFLUENCE OF PROCESS-INDUCED STRESSES ON THE MECHANICAL BEHAVIOUR AND DIMENSIONAL STABILITY OF THERMOPLASTIC INJECTION MOULDINGS, University Of Ulster, Mühendislik Fakültesi, Makina Bölümü, 1994

Araştırma Alanları

Teknik Bilimler, Makina Mühendisliği, Konstrüksiyon ve İmalat, Makina Elemanları, Metalurji ve Malzeme Mühendisliği, Malzeme Bilimi ve Mühendisliği, Polimerik Malzemeler

Akademik Unvanlar / Görevler

Prof.Dr., Erciyes Üniversitesi, Mühendislik Fakültesi, --, 2009 - Devam Ediyor

Doç.Dr., Erciyes Üniversitesi, Mühendislik Fakültesi, --, 2004 - 2009

Yrd.Doç.Dr., Erciyes Üniversitesi, Mühendislik Fakültesi, --, 1995 - 2004

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

1. Investigation of the mechanical properties of the diffusion welded copper wires stacked in the same

direction

YASAN Ö. B., ÖZDEN S., NAİR F.

Journal of Mechanical Science and Technology, cilt.37, sa.1, ss.127-137, 2023 (SCI-Expanded)

- II. **INVESTIGATION OF THE WEAR BEHAVIOUR OF CRANKSHAFT JOURNAL BEARINGS AND BUSHING WITH RESPECT TO PROCESS PARAMETERS**
ÖZDEN S., NAİR F., Kara K.
JOURNAL OF THE BALKAN TRIBOLOGICAL ASSOCIATION, cilt.17, sa.2, ss.192-205, 2011 (SCI-Expanded)
- III. **The Stabilization of Bisphenol-A Based Polycarbonate by Phosphine Oxide**
ÖZDEN S., SHAOV A. K., CHARAEV A. M.
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.116, sa.3, ss.1475-1482, 2010 (SCI-Expanded)
- IV. **Synthesis and Modification of Aromatic Polyesters with Chloroacetyl 3,5-Dibromo-p-hydroxybenzoic Acid**
ÖZDEN S., CHARAYEV A. M., BAZHEVA R. C.
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.111, sa.4, ss.1755-1762, 2009 (SCI-Expanded)
- V. **Inhibition of thermal oxidation destruction of PBT/HDPE blends by organic compounds of five-valent phosphorus**
ÖZDEN S., BORUKAYEV T. A., SHAOV A. K.
INTERNATIONAL POLYMER PROCESSING, cilt.23, sa.3, ss.339-344, 2008 (SCI-Expanded)
- VI. **The synthesis of block copolyetherketones based on 4,4 '-dichlorodiphenylketone, phenolphthaleine, and bisphenol A and investigation of their properties**
ÖZDEN S., CHARAYEV A. M., SHAOV A. H., BAZHEVA R. C.
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.107, sa.4, ss.2459-2465, 2008 (SCI-Expanded)
- VII. **The Influence of Fe/FeO Mixture on the Molecular Fluctuation Networks of Polybutyleneterephthalate**
ÖZDEN S., BORUKAYEV T. A.
POLYMERS & POLYMER COMPOSITES, cilt.16, sa.6, ss.389-394, 2008 (SCI-Expanded)
- VIII. **Compositions based on aromatic polycarbonate and metallic phosphinic acids**
Ozden S., SHAOV A. H., CHARAYEV A.
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.104, sa.6, ss.3628-3636, 2007 (SCI-Expanded)
- IX. **Investigation of impact behaviour of aluminium based SiC particle reinforced metal-matrix composites**
Ozden S., Ekici R., Nair F.
COMPOSITES PART A-APPLIED SCIENCE AND MANUFACTURING, cilt.38, ss.484-494, 2007 (SCI-Expanded)
- X. **The conditions of minimum potential energy and Castigliano's functional in a non-linear media**
Oshhkunov M., Ozden S.
INTERNATIONAL JOURNAL OF NON-LINEAR MECHANICS, cilt.38, sa.1, ss.71-77, 2003 (SCI-Expanded)
- XI. **Synthesis of block copolyetherether ketones and investigations of their properties**
Ozden S., CHARAYEV A., SHAOV A.
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.85, sa.3, ss.485-490, 2002 (SCI-Expanded)
- XII. **The improvement of the fracture behaviour of polybutyleneterephthalate modified by highly dispersed metals**
Ozden S., BORUKAYEV T., MASHUKOV N., MIKITAYEV A.
POLYMERS & POLYMER COMPOSITES, cilt.10, sa.3, ss.249-255, 2002 (SCI-Expanded)
- XIII. **High impact thermally stable block copolyethers**
Ozden S., CHARAYEV A., SHAOV A.
JOURNAL OF MATERIALS SCIENCE, cilt.36, sa.18, ss.4479-4484, 2001 (SCI-Expanded)
- XIV. **The effects of p-butoxyphenylcyclohexyl-phosphinic acid on the properties of PC based on bisphenol A**
Ozden S., SHAOV A., CHARAYEV A., GURDALIYEV X.
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.80, sa.11, ss.2113-2119, 2001 (SCI-Expanded)
- XV. **Aromatic flock copolyesters stabilised with metallic salts of phosphinic acid**

- Ozden S., SHAOV A., CHARAYEV A., MIKITAEV A., BEDANOKOV A.
POLYMERS & POLYMER COMPOSITES, cilt.9, sa.3, ss.213-219, 2001 (SCI-Expanded)
- XVI. **Mechanisms of stabilisation of high density polyethylene against oxidation using highly dispersed Fe-FeO mixtures**
Ozden S., HATSUKOVA M., MASHUKOV H., KOZLOV G.
PLASTICS RUBBER AND COMPOSITES, cilt.29, sa.5, ss.212-215, 2000 (SCI-Expanded)
- XVII. **The synthesis of polyetheretherketones and investigations of their properties**
Ozden S., CHARAYEV A., SHAOV A.
JOURNAL OF MATERIALS SCIENCE, cilt.34, sa.11, ss.2741-2744, 1999 (SCI-Expanded)
- XVIII. **Synthesis and assessment of the properties of polyetherketones (PEK) based on olygoketonephenolphthaleines (OKPP)-polyester block copolymers**
Ozden S., CHARAYEV A., SHAOV A., SHUSTOV G.
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.68, sa.6, ss.1013-1017, 1998 (SCI-Expanded)
- XIX. **Stabilising the structure of HDPE by the use of highly-dispersed mixture of Fe/FeO**
Ozden S.
INTERNATIONAL POLYMER PROCESSING, cilt.13, sa.1, ss.23-26, 1998 (SCI-Expanded)
- XX. **Compositions based on aromatic block copolyester and p-butoxyphenyl cyclohexyl phosphinic acid**
Ozden S., SHAOV A., CHARAYEV A., BIDANIKOV A.
POLYMERS & POLYMER COMPOSITES, cilt.6, sa.2, ss.103-107, 1998 (SCI-Expanded)
- XXI. **Assessment of thermal stresses in injection moulded polycarbonate**
Akay M., Ozden S.
Plastics, Rubber and Composites Processing and Applications, cilt.25, sa.3, ss.145-151, 1996 (SCI-Expanded)
- XXII. **An assessment of thermal stresses in injection moulded ABS copolymer**
AKAY M., Ozden S.
INTERNATIONAL POLYMER PROCESSING, cilt.11, sa.2, ss.179-187, 1996 (SCI-Expanded)
- XXIII. **Prediction of process-induced warpage in injection molded thermoplastics**
AKAY M., Ozden S., TANSEY T.
POLYMER ENGINEERING AND SCIENCE, cilt.36, sa.13, ss.1839-1846, 1996 (SCI-Expanded)
- XXIV. **THE INFLUENCE OF RESIDUAL-STRESSES ON THE MECHANICAL AND THERMAL-PROPERTIES OF INJECTION-MOLDED ABS COPOLYMER**
AKAY M., OZDEN S.
JOURNAL OF MATERIALS SCIENCE, cilt.30, sa.13, ss.3358-3368, 1995 (SCI-Expanded)
- XXV. **MEASUREMENT OF RESIDUAL-STRESSES IN INJECTION-MOLDED THERMOPLASTICS**
AKAY M., OZDEN S.
POLYMER TESTING, cilt.13, sa.4, ss.323-354, 1994 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Influence of residual stresses on mechanical and thermal properties of injection moulded polycarbonate**
AKAY M., Ozden S.
Plastics, Rubber and Composites Processing and Applications, cilt.25, sa.3, ss.138-144, 1996 (Scopus)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **The Importance of the Taguchi Experimental Design on The Determination of the Affective Factors of the Journal Bearing**
CANBULUT F., ÖZDEN S., SİNANOĞLU C.
The First Mediterranean Tribology Conference, Jerusalem, İsrail, 8 - 09 Kasım 2000

II. The effects of lubricating oil on the internal combustion engine

SİNANOĞLU C., CANBULUT F., ÖZDEN S.

The first mediterranean tribology conference, 8 - 09 Kasım 2000, cilt.1

III. The Effects of Lubricating oil on the Internal Combustion Engine

Sinanoğlu C., CANBULUT F., Özden S.

The First Mediterranean Tribology Conference, Jursalem, İsrail, 12 Haziran 2000 - 14 Haziran 2000, cilt.1, ss.12-16

Desteklenen Projeler

CANBULUT F., SİNANOĞLU C., ÖZDEN S., Yükseköğretim Kurumları Destekli Proje, YÜKSEK HIZ VE DÜŞÜK YÜKLERDE YAĞLAYICI OLARAK KULLANILAN GAZLARIN YATAK PERFORMANSINA ETKİLERİNİN DENEYSEL OLARAK ARAŞTIRILMASI, 2005 - 2007

ÖZDEN S., ÖZARSLAN B., Yükseköğretim Kurumları Destekli Proje, KOMPOZİT MALZEMELERİN MEKANİK DAVRANIŞLARININ İYİLEŞTİRİLMESİ, 2004 - 2005

ÖZDEN S., Yükseköğretim Kurumları Destekli Proje, KARBON FİBER DESTEKLİ KOMPOZİT MALZEMELERİN ÜRETİMİ SİRASINDA DİKİŞLE DİKİLMESİ İLE MEKANİK ÖZELLİKLERİNİN GELİŞTİRİLMESİ, 2002 - 2005

Metrikler

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H-İndeks (Scopus): 7