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Kişisel Bilgiler

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Birimi : KONSTRÜKSİYON VE İMALAT
Dahili : -

Makaleler (YOKSIS)

- 1 A Comparison of Tensile Properties of Single-Sided and Double-Sided Laser Welded DP600 Steel Sheets**
TUNÇEL OĞUZ, AYDIN HAKAN
Materials Science, <http://matssc.ktu.lt/index.php/MatSc/article/view/21374>
- 2 A parametric study on weld zone shape of resistance spot welded 22MnB5 steel**
TUNÇEL OĞUZ, AYDIN HAKAN, GÖNÜL ALIŞAN
Welding International, <http://dx.doi.org/10.1080/09507116.2023.2200152>
- 3 AA6082-T6 ve AA1035-H14 Alüminyum Alaşımlarında Haddeleme Yönünün ve Çekme Deformasyon Hızının Çekme Özellikleri Üzerindeki Etkisi**
AYDIN HAKAN, TUNÇEL OĞUZ, YİĞİT KURTULUŞ, Balamur Furkan, Çavuşoğlu Oktay, Düzgün Oğuzalp
Uludağ University Journal of The Faculty of Engineering, <https://dergipark.org.tr/tr/pub/uumfd/issue/31375/297265>
- 4 AA7075 Alüminyum Alaşımında Çözme Tavlı Sıcaklığının Yaşlanma Davranışına Etkisi**
AYDIN HAKAN, TUNÇEL OĞUZ
Uludağ University Journal of The Faculty of Engineering, <http://dergipark.org.tr/doi/10.17482/uumfd.521904>
- 5 Effect of heat input on HAZ softening in fiber laser welding of 22MnB5 steel**
TUNÇEL OĞUZ, AYDIN HAKAN, DAVUT KEMAL
Optics and Laser Technology, <http://dx.doi.org/10.1016/j.optlastec.2023.109560>
- 6 Effect of Laser Power on Mechanical and Microstructure Properties of Pulsed Nd:YAG Laser Welded Dissimilar DP600-DP1000 Steel Sheets**
TUNÇEL OĞUZ, AYDIN HAKAN, ÇETİN ŞÜKRİYE
European Mechanical Science,
- 7 Effect of Rotational Speed and Dwell Time on Mechanical Properties of Dissimilar AA1050-AA3105 Friction Stir Spot Welded Joints**

- 7 AYDIN HAKAN,TUNÇEL OĞUZ,YÜCE CELALETTİN,TUTAR MÜMİN,YAVUZ NURETTİN,BAYRAM ALİ
Materials Testing,
- 8 **Effect of Tool Pin Profile on the Hook Geometry and Mechanical Properties of a Friction Stir Spot Welded AA6082-T6 Aluminum Alloy**
AYDIN HAKAN,TUNÇEL OĞUZ,TUTAR MÜMİN,BAYRAM ALİ
Transactions of the Canadian Society for Mechanical Engineering,<http://www.nrcresearchpress.com/doi/10.1139/tcsme-2020-0035>
- 9 **Effect of welding parameters on microstructure and mechanical properties of aluminum alloy AA6082-T6 friction stir spot welds**
AYDIN HAKAN,TUNÇEL OĞUZ,UMUR YELİZ,TUTAR MÜMİN,BAYRAM ALİ
Indian Journal of Engineering Materials Sciences,<https://nopr.niscair.res.in/handle/123456789/42931>
- 10 **Elektrik direnç punta kaynağı ile üçlü birleştirilen FEP05/DP600/FEP05 çelik saclarda kaynak parametrelerinin mekanik özelliklere ve mikroyapı üzerindeki etkilerin araştırılması**
Selova Levent, TUNÇEL OĞUZ, ÇAVUŞOĞLU OKTAY, Dindar Çiğdem, AYDIN HAKAN
Gazi Üniversitesi Mühendislik Mimarlık Fakültesi Dergisi,<http://dx.doi.org/10.17341/gazimmfd.1217239>
- 11 **EYM ile Üretilen YMK Yapılı Numunelerde Kenar Genişliğinin Basma Dayanımı Üzerine Etkisinin Araştırılması**
TUNÇEL OĞUZ, TUTAR MÜMİN
Cukurova Üniversitesi Muhendislik Fakultesi Dergisi,<http://dx.doi.org/10.21605/cukurovaumfd.1377804>
- 12 **Friction Stir Spot Weldability of AA7075-T6 Sheets with a Pinless Tool Providing Enhanced Stirring Effect**
GÜLÇİMEN ÇAKAN BETÜL,TUNÇEL OĞUZ,TUTAR MÜMİN
JOM,<http://dx.doi.org/10.1007/s11837-024-07005-3>
- 13 **Mechanical Performance of Friction Stir Spot Welded AA6082 T6 Sheets**
TUNÇEL OĞUZ,AYDIN HAKAN,TUTAR MÜMİN,BAYRAM ALİ
International Journal of Mechanical And Production Engineering,https://www.iraj.in/journal/journal_file/journal_pdf/2-226-1454567405120-124.pdf
- 14 **Microstructural and Mechanical Properties of Nd:YAG Laser Welded Dissimilar DP600-DP1000 Steel Sheets**
TUNÇEL OĞUZ,AYDIN HAKAN,ÇETİN ŞÜKRİYE
Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi,
- 15 **Microstructure And Mechanical Properties of Similar And Dissimilar Laser Welds of DP600 and DP1000 Steel Sheets Used in the Automotive Industry**
TUNÇEL OĞUZ,AYDIN HAKAN,ÇETİN ŞÜKRİYE
Turkish Journal of Engineering,
- 16 **Multi-objective optimization of 3D printing process parameters using gray-based Taguchi for composite PLA parts**
TUNÇEL OĞUZ,TÜFEKÇİ KENAN,KAHYA ÇAĞLAR
Polymer Composites,<http://dx.doi.org/10.1002/pc.28674>
- 17 **Optimization of Charpy Impact Strength of Tough PLA Samples Produced by 3D Printing Using the Taguchi Method**
TUNÇEL OĞUZ

- 17 Polymers,<http://dx.doi.org/10.3390/polym16040459>
- 18 **Optimization of Flexural Performance of PETG Samples Produced by Fused Filament Fabrication with Response Surface Method**
TUNÇEL OĞUZ,KAHYA ÇAĞLAR,TÜFEKÇİ KENAN
Polymers,<http://dx.doi.org/10.3390/polym16142020>
- 19 **Optimization of Nd:YAG Laser Welding Factors of Cold Rolled Strenx 700 CR Steel by Taguchi Method**
TUNÇEL OĞUZ, AYDIN HAKAN
Cukurova Universitesi Mühendislik Fakultesi Dergisi,<http://dx.doi.org/10.21605/cukurovaumfd.1273719>
- 20 **Optimizing printing parameters for enhanced mechanical properties of 3D printed PLA octet lattice structures**
TUNÇEL OĞUZ
European Mechanical Science,<https://dergipark.org.tr/en/pub/ems/issue/79973/1382590>
- 21 **Otomotiv endüstrisinde kullanılan DP450 ve DP800 saçlarında deformasyon hızının ve haddeleme yönünün çekme özelliklerine etkisi**
AYDIN HAKAN,TUNÇEL OĞUZ,MUZAFFER KARPUZ,ÖZGÜR AYDIN
Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi,
- 22 **The Application of the Taguchi Method for Optimizing the Compression Strength of PLA Samples Produced Using FDM**
TUNÇEL OĞUZ, BAYRAKLILAR MEHMET SAİD
Kahramanmaraş Sütçü İmam Üniversitesi Mühendislik Bilimleri Dergisi,<https://jes.ksu.edu.tr/tr/pub/issue/83405/1365534>
- 23 **The influence of the raster angle on the dimensional accuracy of FDM-printed PLA, PETG, and ABS tensile specimens**
TUNÇEL OĞUZ
European Mechanical Science,<https://dergipark.org.tr/tr/pub/ems/issue/82811/1392387>
- 24 **Thermal Annealing Optimization for Improved Mechanical Performance of PLA Parts Produced via 3D Printing**
KAHYA ÇAĞLAR,TUNÇEL OĞUZ,ÇAVUŞOĞLU ONUR,TÜFEKÇİ KENAN
Polymer Testing,<https://doi.org/10.1016/j.polymertesting.2025.108735>

Bildiriler (YOKSIS)

- 1 **Effect of Electrode Force on Mechanical Properties of Triple Joined Dissimilar Steel Sheets by Resistance Spot Welding**
TUNÇEL OĞUZ,AYDIN HAKAN,çavuşoğlu oktay,selova levent
3rd International Conference on Advanced Engineering Technologies (ICADET 19) ,
<http://www.icadet.org/w/>
- 2 **Effect of Pulse Frequency on Mechanical Properties of Nd:YAG Laser Welded Dissimilar DP Steels**
TUNÇEL OĞUZ, AYDIN HAKAN, ÇETİN ŞÜKRİYE
International Iron and Steel Symposium (UDCS19) , <https://www.easychair.org/cfp/udcs19>
- 3 **Effect of Rotational Speed and Dwell Time on Mechanical Properties of Dissimilar AA1050-AA3105 Joints Produced by Friction Stir Spot Welding.**

- 3 AYDIN HAKAN,TUNÇEL OĞUZ,YÜCE CELALETTİN,TUTAR MÜMİN,YAVUZ NURETTİN,BAYRAM ALİ
International Conference on Welding Technologies and Exhibition (ICWET'14) ,
- 4 **Eriyik Yığma Modellemesi Yöntemiyle 3D Basılmış Polietilen Tereftalat Glikol Malzemesinin Sertlik Özelliklerinin İncelenmesi**
TUNÇEL OĞUZ
10. Uluslararası Mühendislik ve Teknoloji Yönetimi Kongresi ,
https://drive.google.com/file/d/1N6yi_0z4hF9Y3zuZD_sKoFI1wwHsdWmJ/view
- 5 **Farklı Türdeki Çeliklerin Elektrik Direnç Punta Kaynağı ile Üçlü Birleştirilmesinde Kaynak Akımının Mekanik Özelliklere Etkileri**
TUNÇEL OĞUZ, AYDIN HAKAN, SELOVA LEVENT
International Iron and Steel Symposium (UDCS19) , <https://www.easychair.org/cfp/udcs19>
- 6 **Influence of tool pin profile on mechanical properties of 6082-T6 friction stir spot welds**
AYDIN HAKAN,TUNÇEL OĞUZ,TUTAR MÜMİN,BAYRAM ALİ
3rd International Conference on Engineering and Natural Science (ICENS 2017) ,
<https://www.icens.eu/proceedings>
- 7 **Influence of Welding Parameters on Mechanical Properties and Microstructure of Friction Stir Spot Welded AA5754 Aluminium Alloys**
TUTAR MÜMİN,AYDIN HAKAN,YÜCE CELALETTİN,TUNÇEL OĞUZ,YAVUZ NURETTİN,BAYRAM ALİ
International Materials Symposium (IMSP'2014) , <https://www.pau.edu.tr/pau/tr/etkinlik/15-uluslararasi-malzeme-sempozyumu-imsip%E2%80%992014-2>
- 8 **Investigation of Changes in Hardness Properties of FDM-PLA Parts by Annealing**
TUNÇEL OĞUZ
4. International Siirt Conference on Scientific Researchers , <https://www.kongreuzmani.com/site.html?https://www.umteb.com>
- 9 **Mechanical Performance of Friction Stir Spot Welded AA6082-T6 Sheets**
TUNÇEL OĞUZ,AYDIN HAKAN,TUTAR MÜMİN,BAYRAM ALİ
Proceedings of IASTEM International Conference, Amsterdam, Netherlands, November 2015 ,
- 10 **Mechanical properties of dissimilar 5754-H22/6082-T6 aluminum alloy lap joints by FSSW,**
TUNÇEL OĞUZ,YİĞİT KURTULUŞ,TUTAR MÜMİN,AYDIN HAKAN
3rd International Conference on Engineering and Natural Science (ICENS 2017) ,
<https://www.icens.eu/proceedings>
- 11 **Mechanical Properties of Nd:YAG Laser Welded Advanced High Strength DP1000 Steel at Different Pulse Duration Times**
TUNÇEL OĞUZ,AYDIN HAKAN,ÇETİN ŞÜKRİYE
International Engineering and Science Symposium 2019 ,
- 12 **Mechanical Properties of Resistance Spot Welded Three-Sheet Stack Joints of Dissimilar Steels in Different Welding Time**
SELOVA LEVENT, AYDIN HAKAN, TUNÇEL OĞUZ, ÇAVUŞOĞLU OKTAY
3rd International Conference on Advanced Engineering Technologies (ICADET 19) ,
http://icadet.org/ICADET_PROCEEDINGS.pdf
- 13 **Nd:YAG Lazer Kaynağı ile Birleştirilen DP600 Çeliğinde Darbe Süresinin Mikroyapı ve Mekanik Özelliklerine Etkisi**

- 13 TUNÇEL OĞUZ,AYDIN HAKAN,ÇETİN ŞÜKRİYE
Otekon 2018 - 9th International Automotive Technologies Congress ,
- 14 **Optimization OF FDM-3D Printing Parameters on Surface Roughness of TPU Parts using the Taguchi Technique**
TUNÇEL OĞUZ, TUTAR MÜMİN
2. International Cankaya Scientific Studies Congress , <https://www.izdas.org/books>
- 15 **Optimization of Specific Compression Strength of ABS Samples Produced with FDM by Taguchi Method**
TUNÇEL OĞUZ
The 5th International Conference of Materials and Engineering Technology ,
https://www.ticmet.org/uploads/files2/t23_proceeding_v1.pdf
- 16 **Power Effect on Pulsed Nd:YAG Laser Welded DP1000 Steel Sheets**
AYDIN HAKAN,TUNÇEL OĞUZ,ÇETİN ŞÜKRİYE
Academic Conference on Robotization, Engineering and Artificial Intelligence, Prague , e-mail:
info@mac-prague.com
- 17 **Pulsed Nd:YAG laser welding of similar and dissimilar DP steel sheets**
TUNÇEL OĞUZ, AYDIN HAKAN, ÇETİN ŞÜKRİYE
Alternative Energy Sources, Materials and Technologies (AESMT'xx19) ,
- 18 **Tensile properties of pulsed Nd:YAG laser welded dissimilar DP600-DP1000 steel sheets**
TUNÇEL OĞUZ, AYDIN HAKAN, ÇETİN ŞÜKRİYE
Alternative Energy Sources, Materials and Technologies (AESMT'xx19) ,
- 19 **Tensile Properties of Resistance Spot Welded Ultra High Strength Steel Usibor 1500**
TUNÇEL OĞUZ, AYDIN HAKAN
International Engineering and Science Symposium 2019 ,
- 20 **Tool pin geometry effect on fracture characteristics of 6082-T6 friction stir spot welds in lap shear test**
TUNÇEL OĞUZ,AYDIN HAKAN,TUTAR MÜMİN,BAYRAM ALİ
2nd International Conference on Advanced Engineering Technologies, (ICADET 17) ,
<https://bayburt.edu.tr/uploads/.ckeditor/2C869C5D9FB543749C69541C0DF94E6B.pdf>
- 21 **Ultra Yüksek Mukavemetli DP1000 Çeliğinin Nd:YAG Lazer Kaynağında Işın Çapı Etkisi**
TUNÇEL OĞUZ, AYDIN HAKAN, ÇETİN ŞÜKRİYE
Otekon 2018 - 9th International Automotive Technologies Congress ,