



TAYSAD

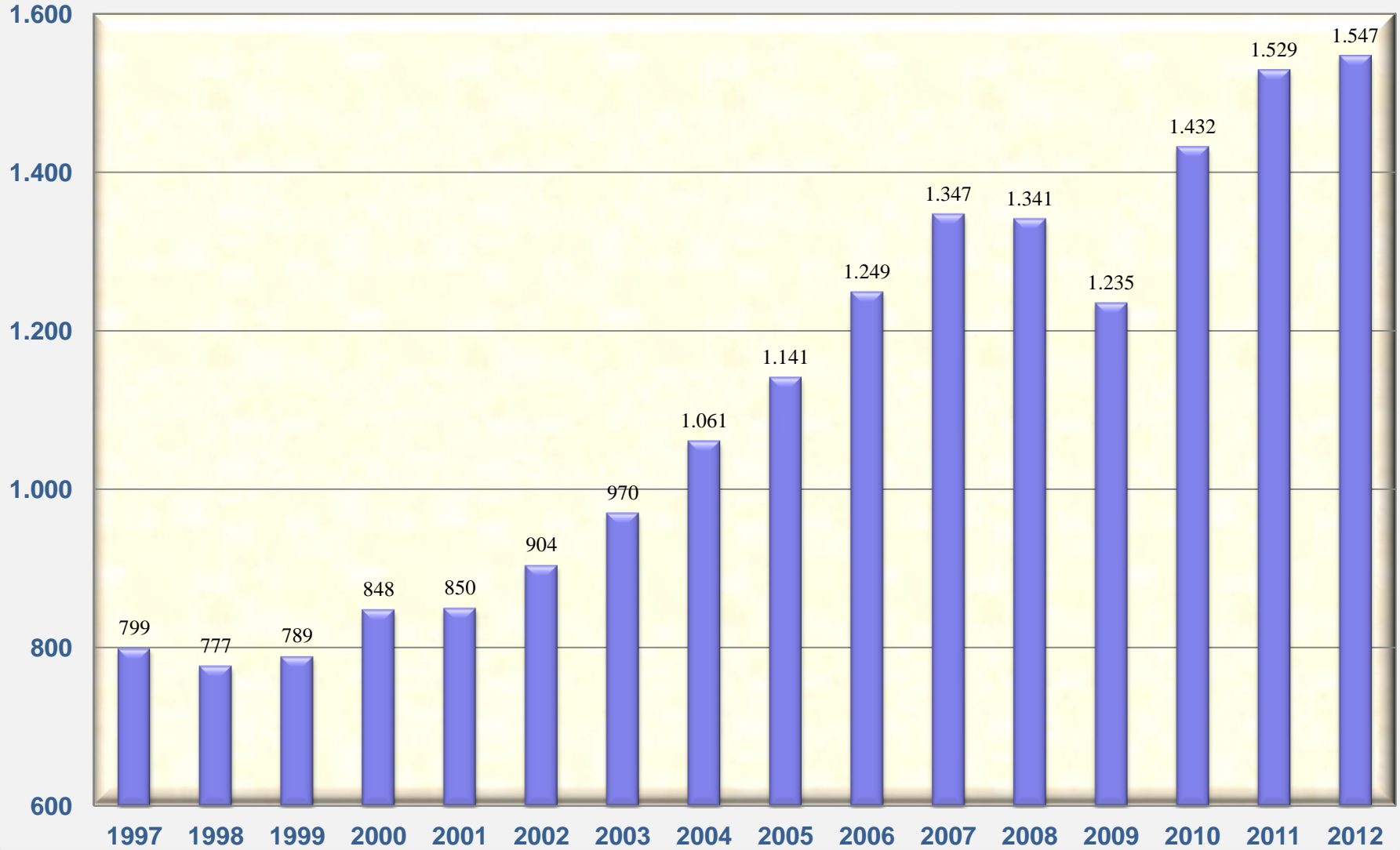
09.10.2013

Dünya Ham Çelik Üretimi



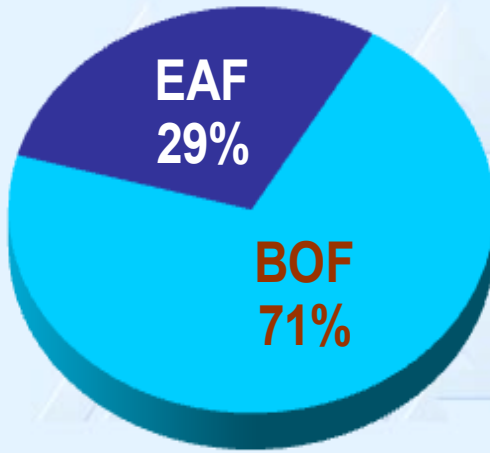
milyon ton

Dünya Ham Çelik Üretimi (milyon ton)

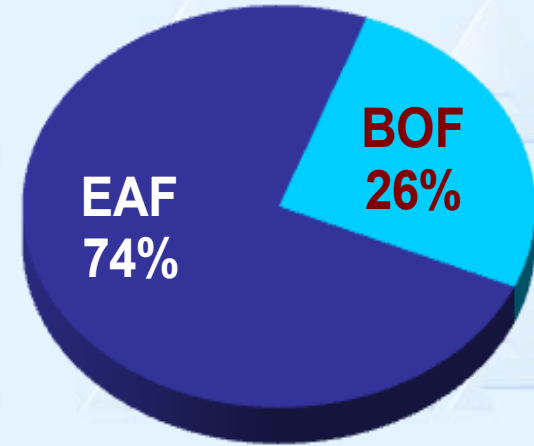




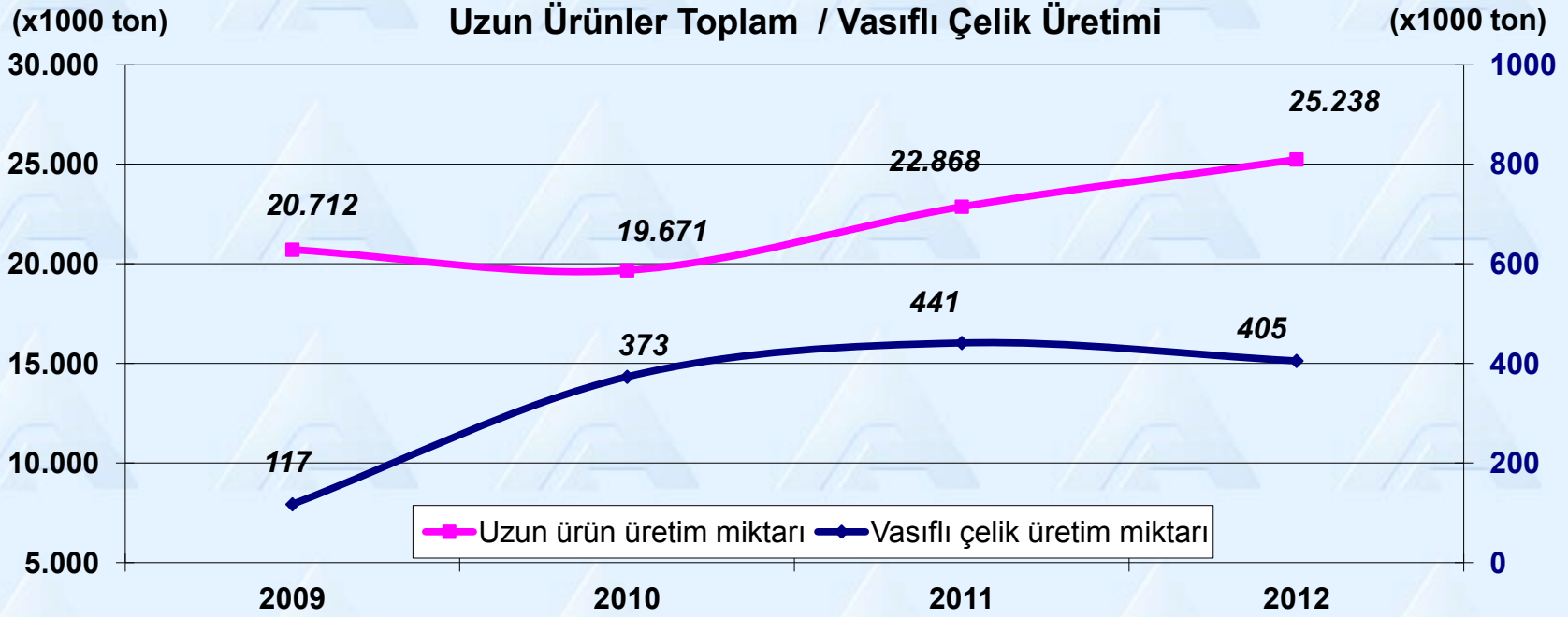
DÜNYA



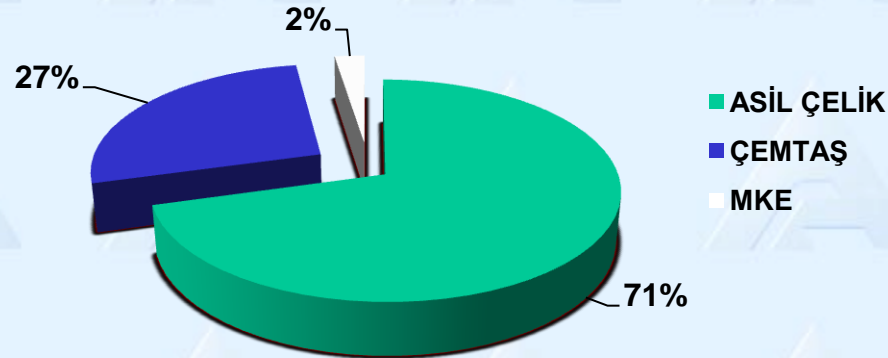
TÜRKİYE



Türkiye’de Uzun Ürünler ve Vasıflı Çeliğin Yeri



2012 VASIFLI ÇELİK ÜRETİMİ (%)





ASIL ÇELİK,
başta otomotiv sanayi olmak üzere,
makine imalat sanayi,
enerji sektörü,
maden sektörü,
tarım sanayi
ve
savunma sanayi
için ihtiyaç duyulan
alaşımli, alaşımsız ve yüksek alaşımli,
sıcak haddelenmiş,
her türlü tamamlama işlemleri yapılmış
ve
ısıl işlem görmüş,
Vasıflı Çelik
üreten bir kuruluştur.



- Asil Çelik; 1974'te kurulmuş, 1979 Yılında 150.000 ton üretim kapasitesi ile üretime başlamıştır.
- Uygulama safhasındaki temel mühendislik hizmetleri ve ileri üretim teknolojileri Almanya'nın THYSEN EDELSTAHLWERKE AG firması tarafından sağlanmıştır.
- Makine ve teçhizatın büyük bir bölümü Japonya'nın ISHIKAWAJIMA - HARIMA HEAVY INDUSTRIES CO. LTD. tarafından imal edilmiş ve Amerikan KAISER ENGINEERS INTERNATIONAL INC.'ın müşavirlik hizmetlerinden yararlanılmıştır.
- 2000 yılında özelleştirildikten sonra, yapılan yeni yatırımlar ile üretim kapasitesi 485.000 ton'a çıkartılmıştır.



Sn. Vehbi Koç Asil Çelik'te



**Asil Çelik Yönetim
Kurulu: Başkan
Rahmi Koç, Başkan
Yardımcısı Talat
Orhon.
Üyeler: Turgut Özal,
Fahir İlkel ve Zeki
Aytaç**

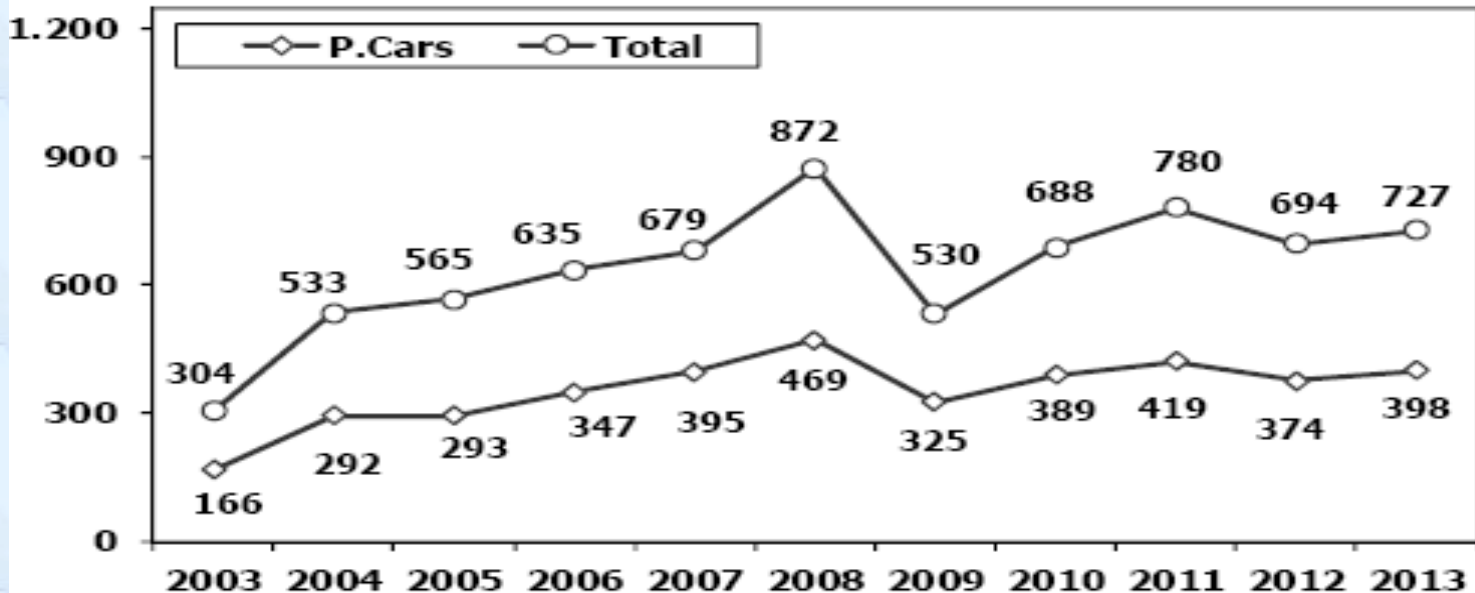


Türkiye 2012/2013 Yılları Otomotiv Üretimi



TİPLER	AĞUSTOS AYI ÜRETİMİ		8 AYLIK ÜRETİM		DEĞİŞİM %	
	2012	2013	2012	2013	AĞUSTOS	8 AY
OTOMOBİL-	21.157	28.457	373.899	397.651	35	6
TİCARİ ARAÇLAR	15.654	17.151	320.458	329.296	10	3
* B. KAMYON	1.990	1.776	19.124	17.044	-11	-11
* K. KAMYON	77	269	1.909	2.608	249	37
* KAMYONET	12.110	13.026	275.212	276.185	8	0
* OTOBÜS	493	500	4.426	5.983	1	35
* MİNİBÜS	748	1.336	17.275	24.219	79	40
* MİDİBÜS	236	244	2.512	3.257	3	30
TAŞIT ARAÇLARI TOPLAM	36.811	45.608	694.357	726.947	24	5
TRAKTÖR	693	1.903	31.594	25.935	175	-18
GENEL TOPLAM	37.504	47.511	725.951	752.882	27	4

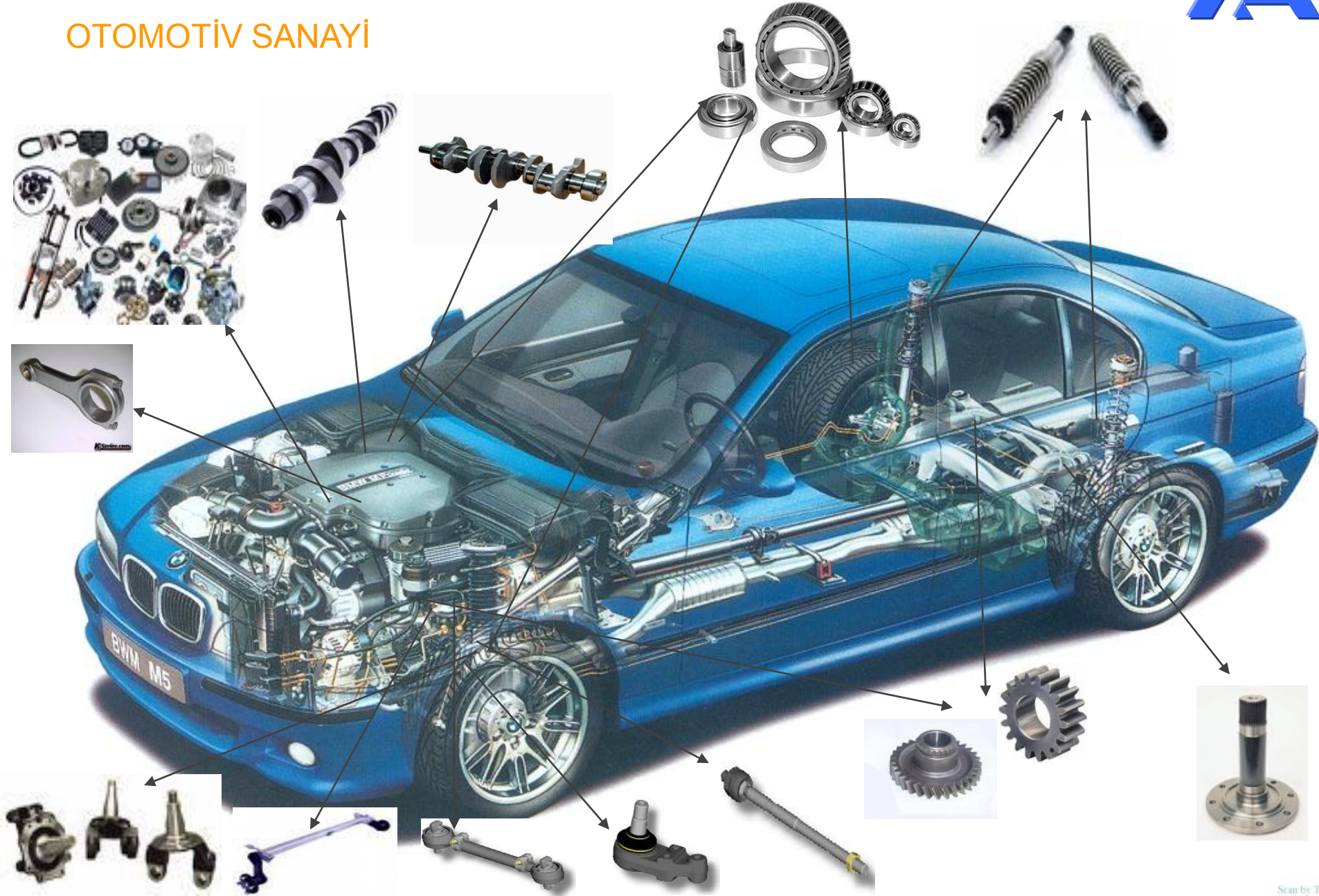
Toplam Üretim ve Otomobil Üretimi (x1000) (Ocak-Ağustos)
Total & P.Cars Production (x1000) (January- August)



Mamullerimizden Üretilen Otomotiv Parçaları



OTOMOTİV SANAYİ





Asil Çelik; Otomotiv Sanayi'ne yönelik olarak aşağıdaki çelik türlerini üretmektedir.

- ◆ Karbon Çelikleri
- ◆ Islah Çelikleri
- ◆ Sementasyon Çelikleri
- ◆ Mikro Alaşımlı Çelikler
- ◆ Borlu Çelikler
- ◆ Rulman Çelikleri
- ◆ Otomat Çelikleri
- ◆ Yay Çelikleri

Asil Çelik Yarımamul ve Nihai Kesitleri (mm)



İngot	550 x 550
Yarı Mamul (Blum + Kütük)	□ 135 - □ 160 - □ 240 - □ 280x300- Ø300
Yuvarlak	Ø19 - Ø220
Kare	□ 50 - □ 245
Lama	6-60 x 50-120
Altı Köşe (Hekzagonal)	18 - 71
Platina	50-160 x 135-400

Kalite Sistem Sertifikalarımız



Ürününe Yönelik Class Sertifikalarımız



Certificate No : MCR0/1925/10001/1

Asil Çelik Sanayi ve Ticaret A.Ş.
Bursa
Turkey

has been approved as a manufacturer in accordance with the requirements of Lloyd's Register for:

Steelmaking and Bars

This approval is subject to compliance with the Rules for the Manufacture, Testing and Certification of Materials. The full details of the processes and grades to which this approval applies are given in the Appendix of this certificate.

Lloyd's Register is to be notified of any change that may affect the validity of this Certificate.

This Certificate is issued to the above manufacturer and is valid until the date given below.



ZERTIFIKAT

TÜV CERT
Zertifizierungsstelle TÜV Rheinland
bescheinigt hiermit, daß das Unternehmen
ASIL CELIK, Orhangazi-Bursa/Türkei

gemäß AD-Merkblatt WO/TRD 100
überprüft und anerkannt wurde.

Der Geltungsbereich der Überprüfung und alle übrigen
Einzelheiten sind unserem Bericht

WB 1074 vom 21.02.1990

zu entnehmen.
Die gestellten Anforderungen sind erfüllt.

Unter anderem, verfügt die oben genannte Firma über
folgende wesentliche Voraussetzungen:

Ein fähiges, über die Herstellungsfähigkeit und die Qualität der
Produkte nachweisend und Prüfungszeugnis.



DET NORSKE VERITAS APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No. AMM-3937

This is to certify that
ASIL CELIK SAN. ve TIC. A.Ş.
Bursa, Turkey

is an approved manufacturer of
Steelmaking

In accordance with
Det Norske Veritas' Rules for Classification Pt. 2

and the following particulars:

Product: Semi for forging stock
Steel types: Carbon and carbon-manganese,
Alloy
Steelmaking: Electric arc furnace, ingot casting

This Certificate is valid until
2013-06-30

Satir Yagmura Kandakuri
Surveyor



Place and date
Havik, 2009-01-23
for DET NORSKE VERITAS AS
Head of Section



APPROVAL CERTIFICATE FOR MANUFACTURING PROCESS 제조법 승인 증명서

Certificate No. : AIN27295-S4001 Initial Approval : 9th May, 2011.
Product : Steel Bars, Billets and Blooms
Manufacturer : Asil Celik Sanayi ve Ticaret A.Ş.
Gemic Koyu Mevkii P.K.31 (16800) Orhangazi / Bursa / Turkey

Product Description : Steel Bars, Billets and Blooms
- Grade : Carbon & low alloy steel
- Steel making : EAF
- Supply condition : Ingot & continuous casting for billets & blooms.
- Dimension : As rolled for bars
- Intended for : Max. 240 mm
Raw materials for forging, rolling and machining

Approval Condition : Individual Product Certification is not required.

THIS IS TO CERTIFY that the manufacturing process for the above
mentioned product has been approved in accordance with the relevant requirement of this Society's
Rules and/or of the recognized standards as follows and entered in the "List of Approved
Manufacturers and Type-Approved Equipment".

This Certificate is valid until 8th May, 2016.
Issued at Daejeon, Korea on 9th May, 2011.



CERTIFICATE NO:
11-MMP5-FF&PAC-320

EFFECTIVE DATE:
20 JULY 2011

CERTIFICATE OF FORGING FACILITY AND PROCESS APPROVAL

BASED ON ENGINEERING REVIEW AND A PLANT SURVEY OF THE FACILITY
IT IS HEREBY CERTIFIED THAT,

ASIL CELIK SANAYI VE TICARET A.Ş. ORHANGAZI / BURSA, TURKEY

IS APPROVED TO PRODUCE STEEL FORGINGS FOR USE IN MARINE APPLICATIONS
AS OUTLINED IN ABS ISTANBUL PORT OFFICE SURVEY REPORT NO: IS201
DATED 20 JULY 2011 AND APPROVAL LETTER ISSUED.

THIS APPROVAL IS VALID FOR FIVE YEARS FROM THE EFFECTIVE DATE ON
CERTIFICATE. THE RELEVANT ABS RULES ARE TO BE ADHERED TO IN
RESPECTS, AND PRODUCTION, INSPECTION, AND TESTING OF THE FORGINGS
TO BE TO THE SATISFACTION OF THE ATTENDING ABS SURVEYOR.



Gopal Magadi
Manager
ABS Materials, Houston

Approval of Material Manufacturers
Zulassung von Werkstoffherstellern



This is to certify that the works of
Herbert and bezeichnung, dass die Firma

ASIL CELIK SANAYI VE TICARET A.Ş.
ORHANGAZI-BURSA
TURKEY

has been subjected to an approval test in accordance with the Society's Rules with satisfactory results and
is approved for the manufacture of the following products:
eine Zulassungsgewährung nach den Vorschriften des Germanischen Lloyd unterzogen wurde und für die Herstellung folgender
Erzeugnisse zugelassen ist:

Roller bars and billets for machine construction and shipbuilding
- C45E and 42CrMoS4 acc. to EN 10083-1
- S355J2 acc. to EN 10025-2
In accordance with the Rules for Metallic Materials, Chapt. 2, Sect. 3, B.

Roller bars for anchor chain cables
- GL-K1, GL-K2 and GL-K3
In accordance with the Rules for Metallic Materials, Chapt. 4, Sect. 2, A.

This approval is granted provided that all products intended to be used for the construction of ships or installations
classified with Germanischer Lloyd comply in every respect with the Society's Rules and Requirements.
Die Zulassung erfolgt unter der Voraussetzung, dass alle Erzeugnisse, die zum Bau von Schiffen und Anlagen mit Klasse des
Germanischen Lloyd bestimmt sind, die Vorschriften des Germanischen Lloyd in jeder Hinsicht erfüllen.

Certificate of approval No. VZ 498 HH 5

This Certificate is valid until: 2013-03-31

Part of the approval is our letter of approval ref. no. 014485-10 of 2010-05-27.

Bestandteil der Zulassung ist das Zulassungsbescheid, Teil-Nr. 014485-10 vom 2010-05-27.

NIPPON KAIJI KYOKAI



Approval No. SBRE0
Certificate No. TA1383E

APPROVAL OF MANUFACTURING PROCESS

This is to certify that

Asil Çelik Sanayi Ve Ticaret A.Ş.
Orhangazi, Bursa
Turkey

has been approved for the manufacturing process of undermentioned materials by the
NIPPON KAIJI KYOKAI in accordance with the requirements of 1.2. Part K of the Society's
"Rules for the Survey and Construction of Steel Ships" and Chapter 1, Part 1 of the Society's
"Guidance for the Approval and Type-Approval of Materials and Equipment for Marine Use".

MATERIALS : Rolled Steels for Hull
Round Bars for Chains

The details of approval conditions to which this approval applies are given in the
PARTICULARS OF APPROVAL listed in the reverse of this certificate.

On this effect, the products for the ships classed with the Society are to be manufactured
tested and inspected in compliance with the Rules.

This Certificate is valid until 24 January 2018.
Issued at Tokyo on 25 January 2013.

Initial Approval Date : 24 January 2013

Y Usuki
General Manager
Material and Equipment Department



FAG

CATERPILLAR



**FEDERAL
MOGUL**

BOSCH



Automotive



SCANIA



EATON | Powerware



RENAULT



Direk ve Dolaylı İç Piyasa Müşterilerimizden Bazıları



Ford
Renault
Tofaş/Fiat
Parsan
Omtaş
Çimsataş
Kanca
Federal Mogul
Ors
MKE
Hema Endüstri
Türk Traktör
Bosch Rexroth
Bosch Diesel
Aksan
Stoeger
Hidromek
Delphi
Birinci Otomotiv



RENAULT



ÇIMSATAŞ



Türk Traktör





- ◆ Mevcut Sürekli Döküm Makinası Modernizasyonu
- ◆ Jumbo radyal tip Ø 300, Ø 400, Ø 500, Ø 600 mm Sürekli Döküm Yatırımı:
Bu makinenin ürünü özellikle malzemelerdeki ezme oranlarını arttıracak ve ingot üretimine göre daha verimli olacağı için ürün kalitesi ve maliyetlerde de o oranda fayda sağlayacaktır.
- ◆ Yeni Büyük Kesit Haddehane Yatırımı: 80-300 mm arası sıcak hadde mamul üretimi.
- ◆ Orta Kesit Haddehanesinin Modernizasyonu: 200x200 mm blum kesitten Ø19-90 mm arası sıcak hadde mamul üretimi.
- ◆ Büyük Kesit ve Orta Kesit için yeni tamamlama hatları yatırımları.
- ◆ Hedef Kapasite : 1.000.000 ton/yıl

Karbon ve Islah Çeliği Fiyat Gelişimi



Ocak 2012 ve Sonrası Karbon ve Islah Çeliği Fiyat Gelişimi (€/ton)

