Usine productrice/Hersteller/Manufacturer 5
Ugine
Avenue Paul Girod - CS
90100
73403 Ugine Cedex
France

INSPECTION CERTIFICATE 3.1
CERTIFICAT DE RECEPTION 3.1
ABNAHMEPRUEFZEUGNIS 3.1

EN 10204 / 3.1 — 3

UGITECH
Providing special steel solutions — 1

Numéro certificat/Nummer/Number 4	Ordre de fab. / Auftrag / Prod. Order 11-1	N° coulée / Schmelzen Nr / Heat N° 11-2	N° lot MM / Chargen / Batch 11-3
81645499 900001	A1543KC06000	550605	1543KC0600

Certification - Werkzeugnis - Certificate 99
AD 2000-MERKBLATT W0/TRD100
Pressure Equipment Directive
97/23/EC
ISO 9001
ISO/TS 16949

EN 9100
EN 9120 — 98

98-2

Marque d'usine
Herstellerzeichen
Supplier's Mark — 97

Poinçon de l'expert
Prufstempe
Inpector's stamp — 96

Produit UGIMA 4542 BAR ROLLED DESCALED SOLUTION TREATED COND. A K13 ROUND 95,000MM LONG. 5 ,900M + 400,000MM -200,000MM
Produit UGIMA 4542 BARRE LAMINÉ(E) DÉCALAMINÉ(E) TREMPÉ(E) COND. A K13 ROND(E) 95,000MM LONG. 5,900M + 4
Erzeugnisform UGIMA 4542 STAB GEWALZT ENTZUNDERT/ÜBERDREHT LÖSUNGSGEGLÜHT COND. A K13 RUND 95,000MM LONG. 5,9
Product UGIMA 4542 BAR ROLLED DESCALED SOLUTION TREATED COND. A K13 ROUND 95,000MM LONG. 5,900M + 400,00 — 6

Client - Besteller - Purchaser 9	N° cde client. - Kundebestellnummer - Purchase order number 10	Commande - Bestellung - Order 20
12672 BIRCELIK PASLANMAZ CELIK	ORDER DTD 26.02.2016	734869 10

Norme de référence / Besugsnorm / Standard for reference
EN 10088-3 ED2014 1.4542
ASME SA564/564M-15 Sec.IIPartA TYPE 630
UNS 12th Edition S17400

ASTM A564/A564M-13 TYPE 630
AISI 630

12-2

Spécification client / Kundenspezifikation / Customer's specification
- - -

12-3

Nombre Stueckzahl Pieces Nbr 18	Profil Profile Shape 19	Dimension Ausmessung Dimension 21-1	Longueur Laenge Length 21-2	Poids Gewicht Weight 22
	RO	95,000	5,900	316 KG

Mode d'élaboration Erschmelzungsart Melting process 38	N° prélèvement Probenummer Test number 39A	Demandé / Vorschrift / Required	42 % C	43 % SI	44 % MN	45 % NI	46 % CR	47 % MO	48 % CU	49 % S
		Min				3,0000	15,0000		3,0000	
		Max	0,0700	0,7000	1,0000	5,0000	17,0000	0,6000	5,0000	0,0300
EAF + AOD + CC	AMHP	coulée/ Schmelzen / Heat	0,0200	0,3230	0,7840	4,4810	15,2830	0,0800	3,0990	0,0208
		Produit / Erzeugnisform/ Product								

Demandé / Vorschrift / Required	50 % P	51 % NB	52 % CO	53 % TA	54	55	70	71	72	73	74	75
Min		0,1500										
Max	0,0400	0,4500										
coulée/ Schmelzen / Heat	0,0229	0,1710	0,0980	0,0100								
Produit / Erzeugnisform/ Product												

Demandé / Vorschrift / Required	76	77	78	79	80	81	82	83	84	85	86	87
Min												
Max												
coulée/ Schmelzen / Heat												
Produit / Erzeugnisform/ Product												

We declare that the mentioned product is in compliance with the requirements of the contract and that, after checks and tests, it meets in all respects the specified requirements and applicable standards and regulations, except reservations or exceptions as listed in this declaration of conformity ; Document validated by electronic signature. Material manufactured in the REACH regulation respect. 66-1

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Ugine le 01.02.2016
Le Responsable Métallurgie-Qualité
Der Qualitätsbeauftragter
The Quality Manager
B. POLLET

040000949249 Page 1/2 — 63

Usine productrice/Hersteller/Manufacturer
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INSPECTION CERTIFICATE 3.1
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EN 10204 / 3.1 3

UGITECH
Providing special steel solutions 1

Numéro certificat/Nummer/Number
81645499 900001 4

Ordre de fab. / Auftrag / Prod. Order
A1543KC06000 11-1

N° coulée / Schmelzen Nr / Heat N°
550605 11-2

N° lot MM / Chargen / Batch
1543KC0600 11-3

			Limite d'élasticité Streckgrenze Yield Strength 0,2%	1%	RM Zugfestigkeit Tensile	Alongement Bruchdehnung Elongation A5D	A4D	Striction Einschnurung Red area	Dureté-Haerte-Hardness HB	HV	HRB	HRC
24	90	T° C										
		° C	Mpa	Mpa	Mpa	%	%	%				
13	Min	20										
	Max	20			1200				360			38
	Min											
	Max											
N° prélèvement AMHP Probenummer Test number 39B	1 L	20			1088				337			36
A l'état de Référence / treatment on test sample / Probestreifenbehandlung TH 1040° C+ RU 480° 1h ref.air 14		20 25	1282 26A	26B	1407 27	28	89	55 29	30	88	100	37

Taux de corroyage Forging ratio Verschmiedungsgrad	Résilience-Kerbschlagzaehigkeit-Notch Toughness							
	Type Form Type	T° C	Sens Richtung Direction	Min	Valeurs individuelles Einzelwerte Individual values	Moyenne Mittelwerte Average	Expansion latérale Seitliche Breitung Lateral Expansion	
5,4 101	31	33	32	95	35	36	91	
A l'état de livraison / Lieferzustand / As delivered 13		° C		J		J		
Solution treated Cond. A								
A l'état de Référence / treatment on test sample / Probestreifenbehandlung TH 1040° C+ RU 480° 1h ref.air 14								

MATERIAL IS FREE FROM MERCURY AND RADIOACTIVE CONTAMINATION , WELDS OR WELD REPAIRS AT TIME OF SHIPMENT 56
ULTRASONIC TEST PERFORMED ACCORDING TO EN 10308 CL3 : CONFORM
SURFACE & DIMENSIONS ARE CONTROLLED
ANTIMIXING TEST PERFORMED TO SPECTROSCOPIC METHOD : CONFORM

BİRÇELİK PASLANMAZ ÇELİK TİCARET A.Ş.
Mrk:Seyit Nizam Mh.Demirciler Sit.4.Cd.No: 5 Z.Burnu-IST.
Tel: (0212) 665 76 34 (3-Hat) 546 29 63 Fax: 558 87 97
Sb:Seyit Nizam Mh.Demirciler Sit.5.Cd.No. 41 Z.Burnu-IST.
Tel: (0212) 255 39 33-255 45 93-665 76 37 Fax: 253 06 19
Davutpaşa Vergi Dairesi 177 035 9422

N° certificat d'origine/Ur-Los Werkszeugnisnummer/Original certificate number
81614850 900001 92

Poids lot origine/Ur-Los Gewicht/Original batch weight
969 KG 94

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Ugine le 01.02.2016
Le Responsable Métallurgie-Qualité
Der Qualitätsbeauftragter
The Quality Manager
P. POLLET

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