







Usine productrice/Hersteller/Manufacturer 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		UGITECH Providing special steel solutions 	
Numéro certificat/Nummer/Number 81680427 900001	Ordre de fab. / Auftrag / Prod. Order A1441WK87300	N° coulée / Schmelzen Nr / Heat N° 522126	N° lot MM / Chargen / Batch 1441WK8730	
Certification - Werkzeugnis - Certificate AD 2000-MERKBLATT W0/TRD100 Pressure Equipment Directive 2014/68/EU ISO 9001 ISO/TS 16949	EN 9100 EN 9120	EN 9100 EN 9120	Marque d'usine Herstellerzeichen Supplier's Mark  Poinçon de l'expert Prufstempel Inspector's stamp 	
UGI 4507 BAR TURNED STANDARD SOLUTION-ANNEALED K12 ROUND 30,000MM LONG. 6,000M + 30 0,000MM -300,000MM UGI 4507 BARRE TOURNÉE STANDARD HYPERTREMPÉE K12 ROND (E) 30,000MM LONG. 6,000M + 300,000MM -30 UGI 4507 STAB GESCHÄLT STANDARD LÖSUNGSGEGLÜHT K12 RUND 30,000MM LONG. 6,000M + 300,000MM -300,0 UGI 4507 BAR TURNED STANDARD SOLUTION-ANNEALED K12 ROUND 30,000MM LONG. 6,000M + 300,000MM -300,0				
Client - Besteller - Purchaser 12672 BIRCELİK PASLANMAZ ÇELİK	N° cde client - Kundenbestellnummer - Purchase order number ORDER DTD 11.07.2016	Commande - Bestellung - Order 758757 10		
Norme de référence / Besugsnorm / Standard for reference 1.4507-AT-NF EN 10272 01/2008  ASTM 276 and ASTM 479 PASLANMAZ ÇELİK TİCARET A.Ş. Mrk: Seyit Nizam Mh. Demirciler Sit. 4. Cd. No. 5 Z. Burnu-İST Tel: (0212) 555 76 34 (3-Hat) 545 29 63 Fax: 558 87 07 Şb: Seyit Nizam Mh. Demirciler Sit. 5. Cd. No. 41 Z. Burnu-İST Tel: (0212) 255 39 33-255 45 93-665 76 37 Fax: 253 06 15 Davutpaşa Vapur Dairesi - 177 035 9422				
Spécification client / Kundenspezifikation / Customer's specification 4507 HY 1X DIV (QTR SMQ22 1/D) 0 07/06/2015				
Nombre Stueckzahl Pieces Nbr	Profil Profile Shape RO	Dimension Ausmessung Dimension 30,000	Longueur Laenge Length 6,000	Poids Gewicht Weight 68 KG
Mode d'élaboration Erschmelzungsart Melting process EAF + AOD + CC	N° prélèvement Probenummer Test number 9RB2	Demandé / Vorschrift / Required Min Max coulée/ Schmelzen / Heat Produit / Erzeugnisform/ Product		
Demandé / Vorschrift / Required Min Max coulée/ Schmelzen / Heat Produit / Erzeugnisform/ Product	50 % P 0,0202 0,0202	51 % N 0,2000 0,2270	52 % CO 0,0520	53 54 55 70 71 72 73 74 75 0,0350 0,2500
Demandé / Vorschrift / Required Min Max coulée/ Schmelzen / Heat Produit / Erzeugnisform/ Product	76 CMN1 40,00 40,74	77 78 79 80 81 82	83 84 85 86 87	40,74
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.		Ugine le 05.09.2015 L'Inspecteur Qualité Der Qualitätsprüfer The quality inspector 		
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Numéro certificat/Nummer/Number 81680427 900001		Ordre de fab. / Auftrag / Prod. Order A1441WK87300		N° coulée / Schmelzen Nr / Heat N° 11-1 522126		N° lot MM / Chargen / Batch 11-2 1441WK8730		11-3				
		Limite d'élasticité Streckgrenze Yield Strength 0,2% 1%		RM Zugfestigkeit Tensile	Allongement Bruchdehnung Elongation A5D A4D		Striction Einschnürung Red area	Dureté-Haerte-Hardness				
24		90	T° C	Mpa	Mpa	%	%	%	HB	HV	HRB	HRC
13		Min	20	550	760	25	25		191	270		28
		Max	20		900							
N° prélèvement Probenummer Test number 39B		1	L	20	614	843	36	38	241			23
		2	L	20	635	859	38	40				
A l'état de Référence / treatment on test sample / Probstreifenbehandlung												
14		25	26A	26B	27	28	89	29	30	88	100	37
Taux de corroyage Forging ratio Verschmiedungsgrad 55,0		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			
101		31	33	32	95			35	36			
A l'état de livraison / Lieferzustand / As delivered SOLUTION ANNEALED 1050° C POLYMERE cooling		13	° C	J	J			J				
			20	L	100	325-338-354		339				
			-20	L	45	316-326-308		317				
A l'état de Référence / treatment on test sample / Probstreifenbehandlung												
14												
INTERCRYSTALLINE CORROSION RESISTANT ACC.TO ISO 3651-2 & ASTM A262 PRACTICE E											56	
CORROSION ASTM G48 METH.A (50° C/24H):NO PITTING, WEIGHT LOSS = < 4.0 G/M ²												
NON-METALLIC INCLUSIONS ACC.TO ASTM E45/ A :												
TYPE OF INCLUSIONS : A THIN = < 1; A HEAVY = < 1												
TYPE OF INCLUSIONS : B THIN = 1.5; B HEAVY = < 1												
TYPE OF INCLUSIONS : C THIN = < 1; C HEAVY = < 1												
TYPE OF INCLUSIONS : D THIN = 1; D HEAVY = < 1												
FERRITE AS PER ASTM E562 (35%-55%) = 45 %												
MICROSTRUCTURE: HOMOGENEOUS STRUCTURE, ABSENCE OF PRECIPITATES OR INCLUSIONS												
FREEDOM FROM DELETERIOUS INTERMETALLIC PHASES												
100% CRACK-CONTROLLED WITH EDDY-CURRENT TO EN 10221 CL.B : CONFORM												
ULTRASONIC TEST ACC.TO EN 10228-4 CL.3 : OK												
SURFACE & DIMENSIONS ARE CONTROLLED												
ANTIMIXING TEST PERFORMED TO SPECTROSCOPIC METHOD : CONFORM												
CONTROLE ANTI-MELANGE : CONFORME												
PRE (>= 40) Voir analyse colonne CMN1												
KCV 20° C (>= 75 J/CM2) = 406-422-442 J/CM2												
KCV 20° C (>= 75 J/CM2) = 395-407-385 J/CM2												
N° certificat d'origine/Ur-Los Werkszeugnisnummer/Original certificate number 81565658 900001						Poids lot origine/Ur-Los Gewicht/Original batch weight 774 KG						
62						94						
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66-1						Der Qualitätsprüfer						
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66-2						040000918900 Page 2/2						
						63						