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Cliente / Besteller/Purchaser/Client

VALBRUNA U.K. LTD.
OLDBURY ROAD
B70 9BH - WEST BROMWICH B70 9BH GB~ GB .

Produttore : **ACCIAIERIE VALBRUNA S.P.A.**
Hersteller/Item/Usine productrice

Stato di fornitura : Hot rolled - Annealed Cold Drawn
Lieferzustand / Delivery state
Etat de livraison

QUALITY MANAGEMENT SYSTEM CERTIFIED BY LLOYD'S REGISTER

Avviso di Spedizione: D-VI15019899
Lieferanzeiger/Packing list/B.L.

Ordine nr: 506047656 Sheffield
Bestell
Your order
Commande

Tipo di Elaborazione: E+AOD
Erschmelzungsart/Melting process/Mode d'elaboration

Certificato nr: MEST722156/2015/
Prüfung/Test/Essai

Conferma ordine nr: E115005843
Werks/Our Order/Ref nr.

Marchio di Fabbrica:
Zeichen des Lieferwerkes
Trade mark
Sigle de l'usine productrice



Punzone del Collaudatore:
Stempel des Werkssachverständigen
Inspector's stamp/Poinçon de l'assesseur

MR

Analisi chimica

Chemische Zusammensetzung/Chemical Analysis/Analyse chimique

Coilata /Heat Schmelze/Coulée	min - max	1,25 2,00	16,50 18,00	2,00 2,50	10,00 13,00	0,040	0,030	0,100							
	C %	Si %	Mn %	Cr %	Mo %	Cu %	Ni %	P %	S %	N %					
266824	0,018	0,48	1,47	16,80	2,08	0,52	10,00	0,031	0,027	0,062					

Intergranular corrosion test per ASTM A262 pract. E: ok.

Absence of cracks at 20 x magnification after bend test.

I. Korrosion nach EN ISO 3651-2A Sensibilisierung : T1 : OK

Corrosion test per EN ISO 3651-2A sensitized T1 : OK

Reduction ratio = 36,8 : 1

Sono state soddisfatte tutte le condizioni richieste
Die gestellten Anforderungen sind it. Anlage erfüllt
The material has been furnished in accordance with the requirements
Le matériel a été trouvé conforme aux exigences

Controllo antimiscelanza: OK
Verwechslungsprüfung: spectralanalytisch durchgeführt
Antimixing testing performed: OK
Contrôle antimelange fait: r.a.s.

Controllo visivo e dimensionale: soddisfa le esigenze
Besichtigung und Ausmessung: ohne Beanstandung
Visual inspection and dimensional checks: satisfactory
Contrôle visuel et dimensions: satisfaisant

Melted and manufactured in Italy No welding or weld repair Material free from Mercury contamination

We declare that the finished product is checked for radioactive contamination through Portal System when it leaves the production plant.

The Quality Management System is Certified acc. Pressure Equipment Directive '97/23/EC' Annex 1, s. 4.3 by TUEV and LLOYD'S

Any act of tampering, modification, alteration, counterfeiting and/or falsification and/or any other action which modifies the contents of this test certificate shall constitute a violation of applicable civil and criminal laws. Acciaierie Valbruna shall protect its rights and interests before any competent court, authority and jurisdiction.

Maximal and/or Valplus grades/products are manufactured with ladle techniques to control composition, distribution, size and shape of non-metallic inclusions for improved machinability.

The supplied product conforms to requirements expressly requested by the purchaser and conforms to requirements specified by certified norms and standards. Should the product be used for more severe, critical and/ or in any case different applications than those the material is generally intended for, any different and/or supplementary requirements shall be specifically demanded, at least, upon order of the Product by the Purchaser. Acciaierie Valbruna SpA shall not be responsible for any improper use of the Products.

FLOW TECHNOLOGY LTD
TEST CERTIFICATE
VERIFIED TRUE
COPY OF ORIGINAL

Vicenza, 14/07/15

Il collaudatore di stabilimento / der Werkssachverständige / Works inspector / L'agent d'usine