

METAL

20NiCrMo

Basic Physical Properties

Certificate No: 6880080211	Purchaser Specification: GB/T 3077-1999
Mill No: B7600458228	Customer Order No: 092801885-10
Date of Issue: 2018/4/18	Date of Delivery: 2018/4/25

No.	Heat No.	Slab No.	Material Description				Chemical Composition								
			Diameter	Length	Qty	N.W.	C	Si	Mn	P	S	Cr	Mo	Ni	Cu
1	1956842	100690	40	6	1	3697	0.17	0.22	0.65	0.015	0.02	0.4	0.25	0.5	0.3
2	1956843	100691	50	6	1	4474	0.17	0.22	0.65	0.015	0.02	0.4	0.25	0.5	0.3
3	1956844	100692	55	6	1	5324	0.17	0.22	0.65	0.015	0.02	0.4	0.25	0.5	0.3
4	1956845	100693	70	6	1	3965	0.17	0.22	0.65	0.015	0.02	0.4	0.25	0.5	0.3
5	1956846	100694	75	6	1	5010	0.17	0.22	0.65	0.015	0.02	0.4	0.25	0.5	0.3

Tensile Test

	Yield Point (Mpa)	Tensile Strength (Mpa)	Elongation	Hardness	Shrinkage Factor %
1 1956842					
2 1956843					
3 1956844	795	1076	9		55
4 1956845					
5 1956846					

Size and surface: qualified

Tensile test: technique accord with GB/T1220-2007

Sample specifications: accord with No.5 on GB/T3077-1999

Hardness test :Technique accor with: JIS Z 2244

WE HERE BY CERTIFY THAT MATERIAL DESCRIBED HEREIN HAS MANUFACTURED AND TESTED WITH SATISFACTORY RESULTS IN ACCORDANCE WITH THE REQUIREMENTS OF THE ABOVE MATERIAL SPECIFICATION

METAL

40NiCrMo

Basic Physical Properties

Production No: 6-508123	Weight: 8.032 ton
Shape: Round Steel	Melting Method: By standard
Specification: GB/T3077 1999	Designated Further: Hot Pressure Processing
Heat No: 16121038121	Condition of Delivery: Hot Rolling
Date of Issue: 20170403192136	

Chemical Compound (%)

C	Si	Mn	P	Cr	Ni	Cu	Mo
0.41	0.24	0.61	0.017	0.84	1.27	0.11	0.17

Mechanical Property

Annealing Hardness 258.0 258.0

Macrostructure Examination

Macrostructure

Pattern Segregation(Grade) 0.5 0.5

General Porosity(Grade) 0.5 0.5

Central Porosity(Grade) 0.5 0.5