

Hangzhou Kunli Welding Material Co., Ltd.

Quality Certificate

Customer: ESSETI NEW ZEALAND LIMITED

Order No.:

Quality Certificate No.: QC20200325-01

Trade Name	Heat NO	Size(mm)	Total Net Weight (Kg)	Lot No.	
ER5356	A2020215	Φ0.8	135	20200302	
Spool Diameter (mm)	Net Weight (kg/Spool)	Standard Designation			
D100	0.45	GB/T 10858-2008			
Result of Inspection					
Diameter (mm)		Extetal			
Max	Min	Surface finish			
0.80	0.79				
Chemical Composition (%)					
Element	Standard	Test Value	Element	Standard	Test Value
Si	0.25 Max	0.052	Zn	0.10 Max	0.006
Fe	0.40 Max	0.149	Ti	0.06-0.20	0.088
Cu	0.10 Max	0.001	Be	0.0003 Max	0.0000
Mn	0.05-0.20	0.126	Zr	-	-
Mg	4.5-5.5	4.953	Al	Rem	Rem
Cr	0.05-0.20	0.115			
Declare: The products provided in compliance with the standard above. If the products have any problems, please contact us within 15 days.					
Add: PuYang Town Industrial Zone XiaoShan, Hangzhou, China Tel: +86-571-82411015 Fax: +86-571-82411015			Issued by: <u>Fan Youhua</u> Title: <u>Quality Assurance Manager</u> Date of issue: <u>25Mar2020</u>		

Hangzhou Kunli Welding Material Co., Ltd.

Quality Certificate

Customer: ESSETI NEW ZEALAND LIMITED

Order No.:

Quality Certificate No.: QC20200325-02

Trade Name	Heat NO	Size(mm)	Total Net Weight (Kg)	Lot No.	
ER5356	A2020215	Φ0.9	135	20200302	
Spool Diameter (mm)	Net Weight (kg/Spool)	Standard Designation			
D100	0.45	GB/T 10858-2008			
Result of Inspection					
Diameter (mm)		Extetal			
Max	Min	Surface finish			
0.90	0.89				
Chemical Composition (%)					
Element	Standard	Test Value	Element	Standard	Test Value
Si	0.25 Max	0.052	Zn	0.10 Max	0.006
Fe	0.40 Max	0.149	Ti	0.06-0.20	0.088
Cu	0.10 Max	0.001	Be	0.0003 Max	0.0000
Mn	0.05-0.20	0.126	Zr	-	-
Mg	4.5-5.5	4.953	Al	Rem	Rem
Cr	0.05-0.20	0.115			
Declare: The products provided in compliance with the standard above. If the products have any problems, please contact us within 15 days.					
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Customer: ESSETI NEW ZEALAND LIMITED

Order No.:

Quality Certificate No.: QC20200325-04

Trade Name	Heat NO	Size(mm)	Total Net Weight (Kg)	Lot No.	
ER5356	A2020215	Φ1.0	1200	20200302	
Spool Diameter (mm)	Net Weight (kg/Spool)	Standard Designation			
D200	2.0	GB/T 10858-2008			
Result of Inspection					
Diameter (mm)		Extetal			
Max	Min	Surface finish			
1.0	0.996				
Chemical Composition (%)					
Element	Standard	Test Value	Element	Standard	Test Value
Si	0.25 Max	0.052	Zn	0.10 Max	0.006
Fe	0.40 Max	0.149	Ti	0.06-0.20	0.088
Cu	0.10 Max	0.001	Be	0.0003 Max	0.0000
Mn	0.05-0.20	0.126	Zr	-	-
Mg	4.5-5.5	4.953	Al	Rem	Rem
Cr	0.05-0.20	0.115			
Declare: The products provided in compliance with the standard above. If the products have any problems, please contact us within 15 days.					
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Hangzhou Kunli Welding Material Co., Ltd.

Quality Certificate

Customer: ESSETI NEW ZEALAND LIMITED

Order No.:

Quality Certificate No.: QC20200325-05

Trade Name	Heat NO	Size(mm)	Total Net Weight (Kg)	Lot No.	
ER5356	A2020215	Φ1.0	1008	20200302	
Spool Diameter (mm)	Net Weight (kg/Spool)	Standard Designation			
D300	7.0	GB/T 10858-2008			
Result of Inspection					
Diameter (mm)		Extetal			
Max	Min	Surface finish			
1.0	0.996				
Chemical Composition (%)					
Element	Standard	Test Value	Element	Standard	Test Value
Si	0.25 Max	0.052	Zn	0.10 Max	0.006
Fe	0.40 Max	0.149	Ti	0.06-0.20	0.088
Cu	0.10 Max	0.001	Be	0.0003 Max	0.0000
Mn	0.05-0.20	0.126	Zr	-	-
Mg	4.5-5.5	4.953	Al	Rem	Rem
Cr	0.05-0.20	0.115			
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Hangzhou Kunli Welding Material Co., Ltd.

Quality Certificate

Customer: ESSETI NEW ZEALAND LIMITED

Order No.:

Quality Certificate No.: QC20200325-06

Trade Name	Heat NO	Size(mm)	Total Net Weight (Kg)	Lot No.	
ER5356	A2020215	Φ1.2	2016	20200302	
Spool Diameter (mm)	Net Weight (kg/Spool)	Standard Designation			
D300	7.0	GB/T 10858-2008			
Result of Inspection					
Diameter (mm)		External			
Max	Min	Surface finish			
1.187	1.182				
Chemical Composition (%)					
Element	Standard	Test Value	Element	Standard	Test Value
Si	0.25 Max	0.052	Zn	0.10 Max	0.006
Fe	0.40 Max	0.149	Ti	0.06-0.20	0.088
Cu	0.10 Max	0.001	Be	0.0003 Max	0.0000
Mn	0.05-0.20	0.126	Zr	-	-
Mg	4.5-5.5	4.953	Al	Rem	Rem
Cr	0.05-0.20	0.115			
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Quality Certificate

Customer: ESSETI NEW ZEALAND LIMITED

Order No.:

Quality Certificate No.: QC20200325-09

Trade Name	Heat NO	Size(mm)	Total Net Weight (Kg)	Lot No.	
ER5356		3.20	750	20200302	
Carton Size (mm)	Net Weight (kg/Box)	Standard Designation			
1020*50*70	5.0	GB/T 10858-2008			
Result of Inspection					
Diameter (mm)		Extetal			
Max	Min	Surface finish			
3.20	3.19				
Chemical Composition (%)					
Element	Standard	Test Value	Element	Standard	Test Value
Si	0.25 Max	0.048	Zn	0.10 Max	0.005
Fe	0.40 Max	0.136	Ti	0.06-0.20	0.083
Cu	0.10 Max	0.003	Be	0.0003 Max	0.0000
Mn	0.05-0.20	0.129	Zr	-	-
Mg	4.5-5.5	4.978	Al	Rem	Rem
Cr	0.05-0.20	0.112			
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Hangzhou Kunli Welding Material Co., Ltd.

Quality Certificate

Customer: ESSETI NEW ZEALAND LIMITED

Order No.:

Quality Certificate No.: QC20200325-10

Trade Name	Heat NO	Size(mm)	Total Net Weight (Kg)	Lot No.	
ER4043		Φ1.6	100.0	20200302	
Carton Size (mm)	Net Weight (kg/Box)	Standard Designation			
1020*50*70	5.0	GB/T 10858-2008			
Result of Inspection					
Diameter (mm)		Extemal			
Max	Min	Surface finish			
1.60	1.58				
Chemical Composition (%)					
Element	Standard	Test Value	Element	Standard	Test Value
Si	4.5-6.0	5.652	Zn	0.10 Max	0.000
Fe	0.8 Max	0.132	Ti	0.20 Max	0.021
Cu	0.30 Max	0.021	Be	0.0003 Max	0.000
Mn	0.05 Max	0.003	Zr	-	
Mg	0.05 Max	0.000	Al	Rem.	Rem.
Cr					
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Quality Certificate

Customer: ESSETI NEW ZEALAND LIMITED

Order No.:

Quality Certificate No.: QC20200325-11

Trade Name	Heat NO	Size(mm)	Total Net Weight (Kg)	Lot No.	
ER4043		Φ2.4	200.0	20200302	
Carton Size (mm)	Net Weight (kg/Box)	Standard Designation			
1020*50*70	5.0	GB/T 10858-2008			
Result of Inspection					
Diameter (mm)		Extemal			
Max	Min	Surface finish			
2.40	2.38				
Chemical Composition (%)					
Element	Standard	Test Value	Element	Standard	Test Value
Si	4.5-6.0	5.652	Zn	0.10 Max	0.000
Fe	0.8 Max	0.132	Ti	0.20 Max	0.021
Cu	0.30 Max	0.021	Be	0.0003 Max	0.000
Mn	0.05 Max	0.003	Zr	-	
Mg	0.05 Max	0.000	Al	Rem.	Rem.
Cr					
Declare: The products provided in compliance with the standard above. If the products have any problems, please contact us within 15 days.					
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Hangzhou Kunli Welding Material Co., Ltd.

Quality Certificate

Customer: ESSETI NEW ZEALAND LIMITED

Order No.:

Quality Certificate No.: QC20200325-12

Trade Name	Heat NO	Size(mm)	Total Net Weight (Kg)	Lot No.	
ER4043		Φ3.20	50.0	20200302	
Carton Size (mm)	Net Weight (kg/Box)	Standard Designation			
1020*50*70	5.0	GB/T 10858-2008			
Result of Inspection					
Diameter (mm)		Extemal			
Max	Min	Surface finish			
3.20	3.19				
Chemical Composition (%)					
Element	Standard	Test Value	Element	Standard	Test Value
Si	4.5-6.0	5.652	Zn	0.10 Max	0.000
Fe	0.8 Max	0.132	Ti	0.20 Max	0.021
Cu	0.30 Max	0.021	Be	0.0003 Max	0.000
Mn	0.05 Max	0.003	Zr	-	
Mg	0.05 Max	0.000	Al	Rem.	Rem.
Cr					
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