

检测报告 TEST REPORT

报告编号 (Report No.) :UTS25070011M

报告日期 (Report Date) : 2025/07/08

委托单位/Client : 富钦金属科技(昆山)有限公司
Fulltech industry (Kunshan) Co., Ltd
地址/Address : 江苏省昆山市玉山镇晨丰东路 159 号
NO.159 Chen Feng East Road Yushan Town Kun Shan

以下测试样品由申请人提供及确认:
The following sample(s) was/were submitted and identified on behalf of the client as:

样品名称/Sample Name : 6469982 轴头/Axle head
材 质/Material : Zn#5
样品信息/Sample Information : FT9
FT10
FT11
FT12
FT13
FT14
FT15
FT16
接样日期/Receiving Date : 2025/07/02
测试项目/Test Item : 孔隙率/Porosity



签

樊建红 授权签字人

审

核

夏雨

编

制

金颖

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江苏省优联检测技术服务有限公司

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1、测试标准/Test Standard

VDG P202-2010

2、测试日期/Test Date

2025/07/07/2025/07/08

3、测试仪器/Test Equipment

设备名称 Test Equipment	设备编号 Equipment Number	校准有效期 Calibration Period of Validity
正置金相显微镜 Upright Metallurgical Microscope	M-1-543	2026/10/11

4、测试条件/Test Condition

环境温度/Environment Temperature : (23±5)℃

环境湿度/Environment Humidity : ≤70%RH

5、测试结果/Test Result(s)

模穴号 Mold Point No.	孔隙率(%) /Porosity	孔隙长度(mm) /Pore length	孔隙堆积 Pore accumulation	判定依据 Judgment Basis	判定 Determine
1#-FT9	A1	0.21	0.15	孔隙率<10%, 最大孔的最长径<1mm, 不允许有孔隙堆积 /Porosity<10%, the longest diameter of the maximum pore is <1mm, and no pore accumulation is allowed	符合/PASS
	A2	0.08	0.06		符合/PASS
	B	0.57	0.21		符合/PASS
1#-FT10	A1	0.11	0.05		符合/PASS
	A2	0.09	0.17		符合/PASS
	B	0.05	0.02		符合/PASS
1#-FT11	A1	0.07	0.04		符合/PASS
	A2	0.14	0.06		符合/PASS
	B	0.09	0.02		符合/PASS
1#-FT12	A1	0.63	0.23		符合/PASS
	A2	0.11	0.09		符合/PASS
	B	0.39	0.06		符合/PASS

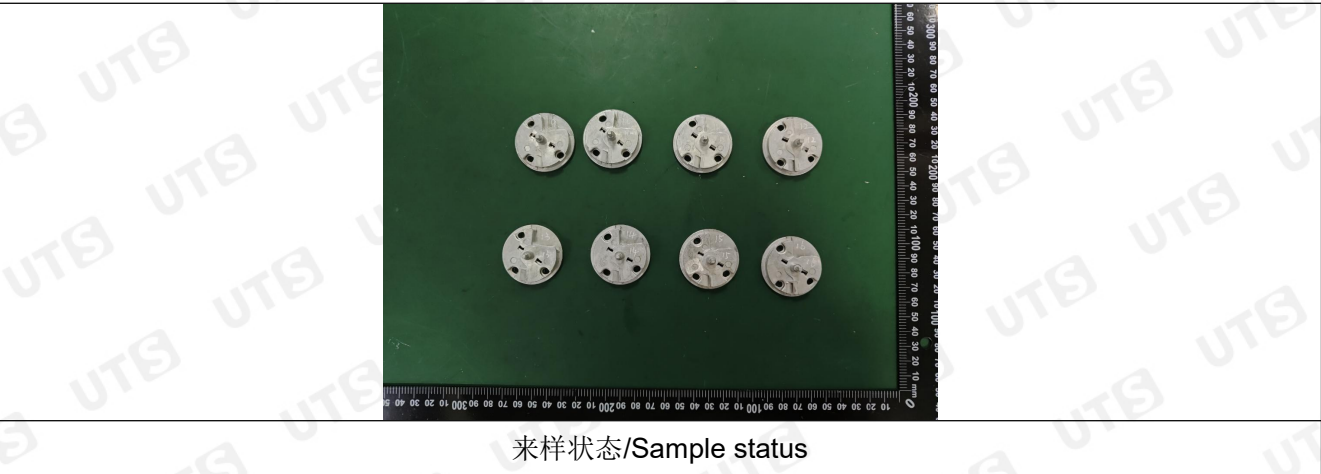
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模穴号 Mold Point No.		孔隙率(%) /Porosity	孔隙长度(mm) /Pore length	孔隙堆积 Pore accumulation	判定依据 Judgment Basis	判定 Determine
1#-FT13	A1	0.15	0.09	无/No	孔隙率<10%, 最大孔的最长径<1mm, 不允许有孔隙堆积 /Porosity<10%,the longest diameter of the maximum pore is <1mm, and no pore accumulation is allowed	符合/PASS
	A2	0.21	0.27	无/No		符合/PASS
	B	0.14	0.07	无/No		符合/PASS
1#-FT14	A1	0.19	0.10	无/No		符合/PASS
	A2	0.45	0.40	无/No		符合/PASS
	B	0.23	0.04	无/No		符合/PASS
1#-FT15	A1	0.23	0.04	无/No		符合/PASS
	A2	0.59	0.05	无/No		符合/PASS
	B	1.40	0.41	无/No		符合/PASS
1#-FT16	A1	0.62	0.15	无/No		符合/PASS
	A2	0.28	0.45	无/No		符合/PASS
	B	0.74	0.16	无/No		符合/PASS

备注：判定限值依客户要求。
Note: The limit value is determined according to customer requirements.

6、测试照片/Test Photo(s)

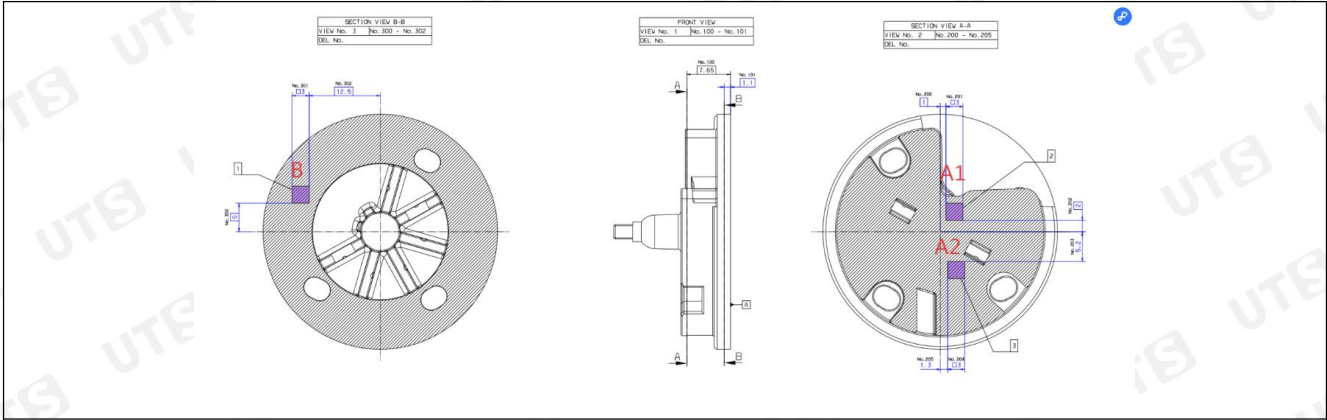


来样状态/Sample status

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测试位置/Test position



FT9 孔隙率/Porosity (A1)

FT9 最大孔长度/Maximum hole length(A1)



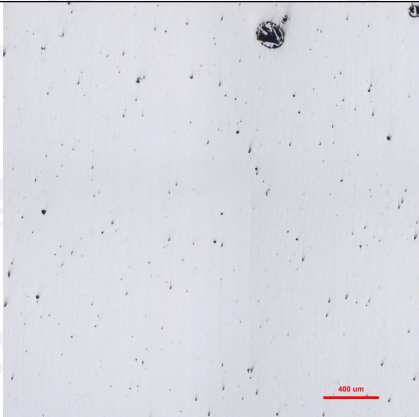
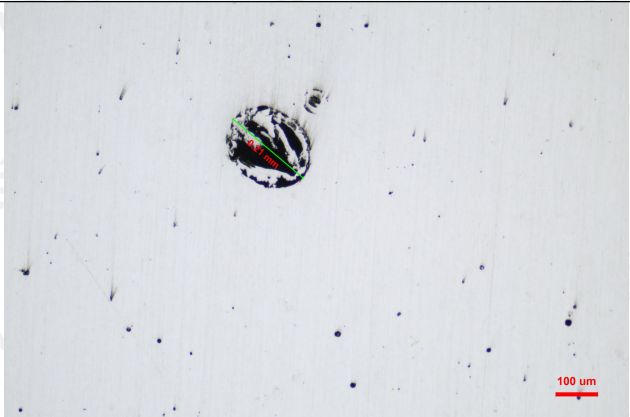
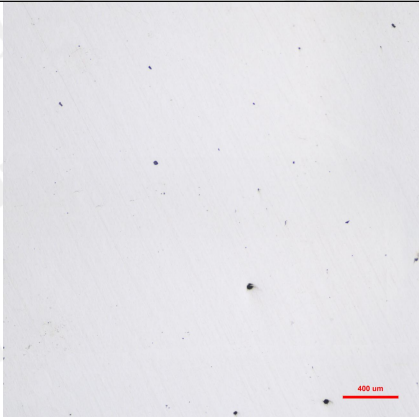
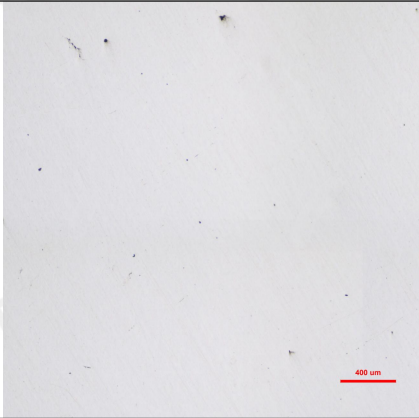
FT9 孔隙率/Porosity (A2)

FT9 最大孔长度/Maximum hole length(A2)

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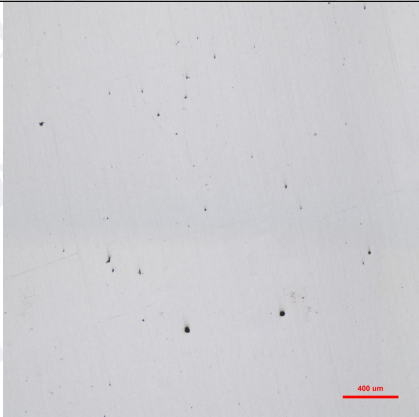
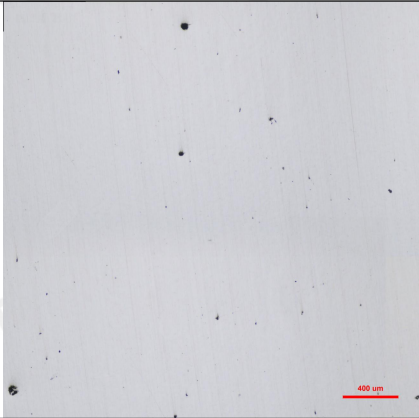
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FT9 孔隙率/Porosity (B)	FT9 最大孔长度/Maximum hole length(B)
	
FT10 孔隙率/Porosity (A1)	FT10 最大孔长度/Maximum hole length(A1)
	
FT10 孔隙率/Porosity (A2)	FT10 最大孔长度/Maximum hole length(A2)

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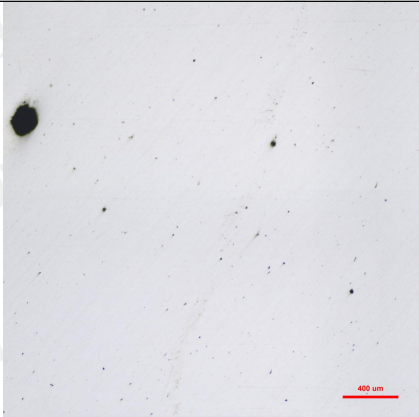
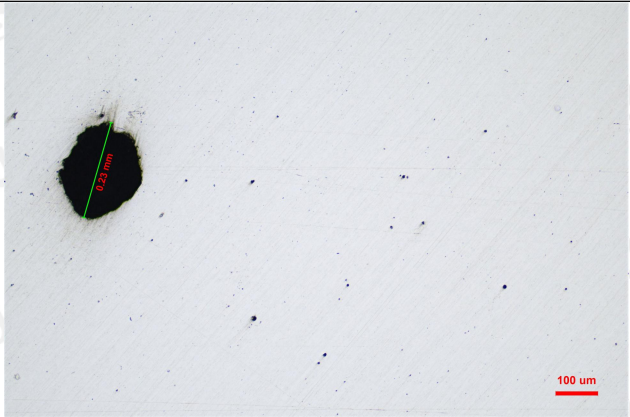
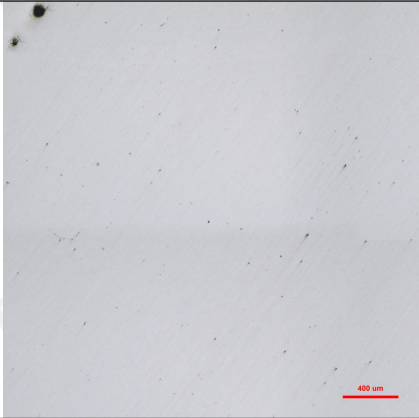
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FT10 孔隙率/Porosity (B)	FT10 最大孔长度/Maximum hole length(B)
	
FT11 孔隙率/Porosity (A1)	FT11 最大孔长度/Maximum hole length(A1)
	
FT11 孔隙率/Porosity (A2)	FT11 最大孔长度/Maximum hole length(A2)

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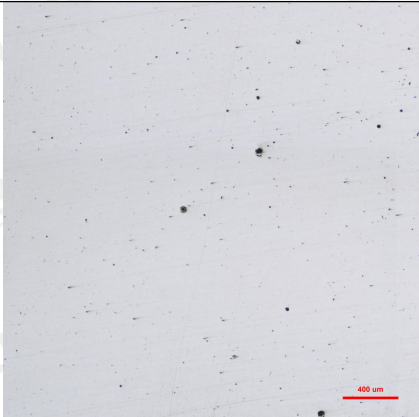
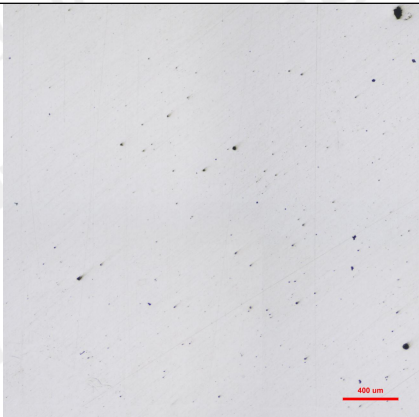
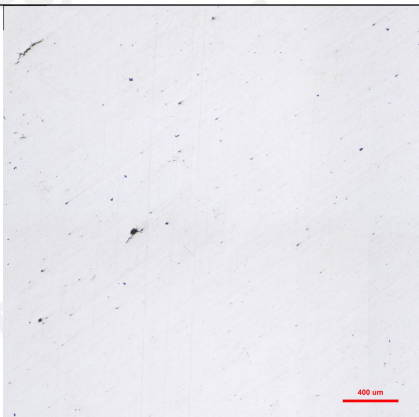
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FT11 孔隙率/Porosity (B)	FT11 最大孔长度/Maximum hole length(B)
	
FT12 孔隙率/Porosity (A1)	FT12 最大孔长度/Maximum hole length(A1)
	
FT12 孔隙率/Porosity (A2)	FT12 最大孔长度/Maximum hole length(A2)

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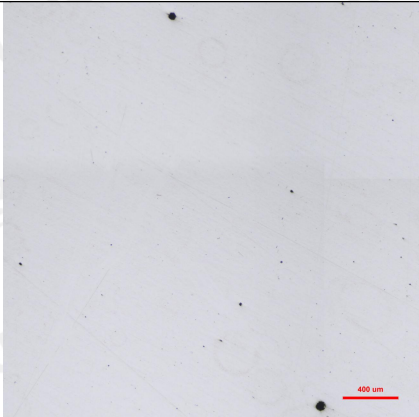
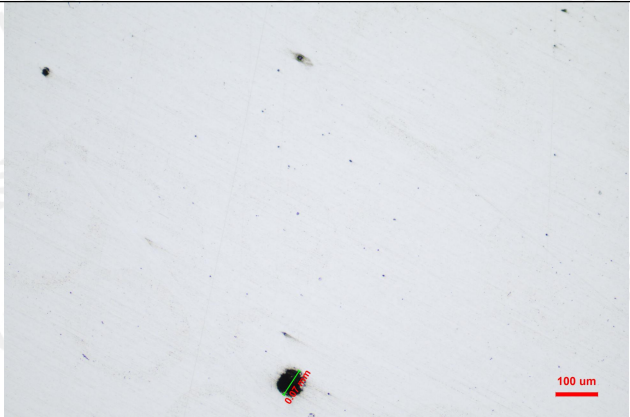
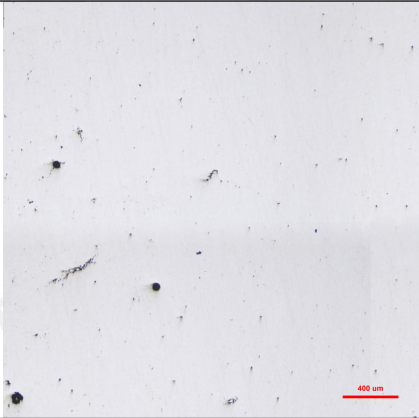
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FT12 孔隙率/Porosity (B)	FT12 最大孔长度/Maximum hole length(B)
	
FT13 孔隙率/Porosity (A1)	FT13 最大孔长度/Maximum hole length(A1)
	
FT13 孔隙率/Porosity (A2)	FT13 最大孔长度/Maximum hole length(A2)

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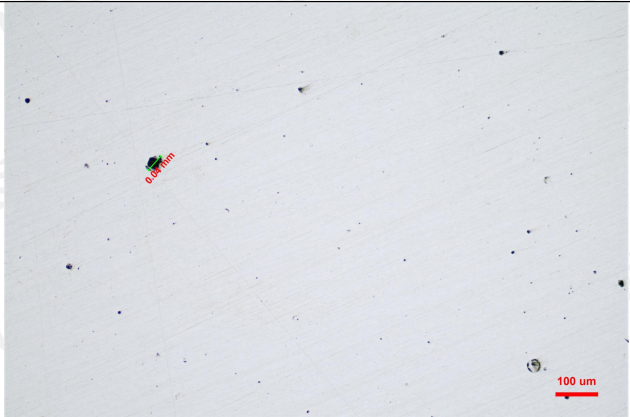
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FT13 孔隙率/Porosity (B)	FT13 最大孔长度/Maximum hole length(B)
	
FT14 孔隙率/Porosity (A1)	FT14 最大孔长度/Maximum hole length(A1)
	
FT14 孔隙率/Porosity (A2)	FT14 最大孔长度/Maximum hole length(A2)

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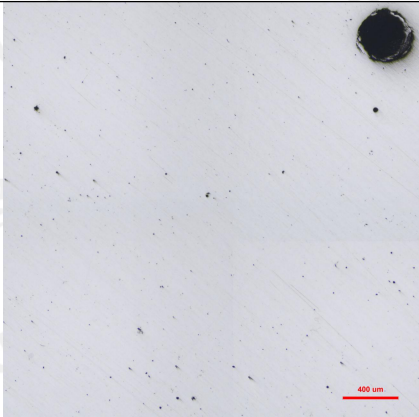
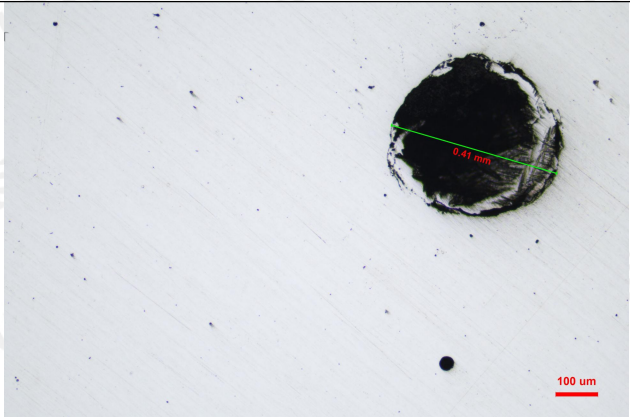
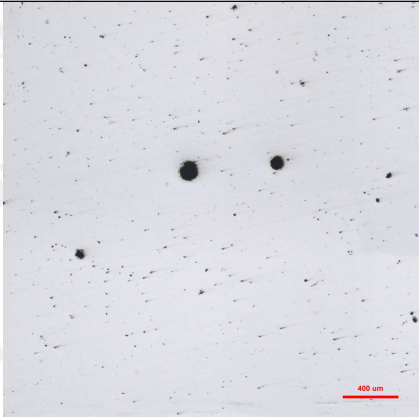
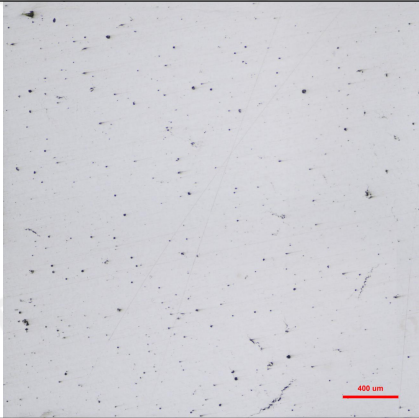
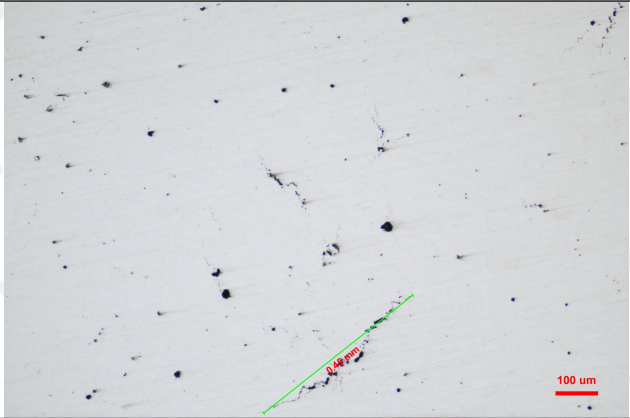
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FT14 孔隙率/Porosity (B)	FT14 最大孔长度/Maximum hole length(B)
	
FT15 孔隙率/Porosity(A1)	FT15 最大孔长度/Maximum hole length(A1)
	
FT15 孔隙率/Porosity (A2)	FT15 最大孔长度/Maximum hole length(A2)

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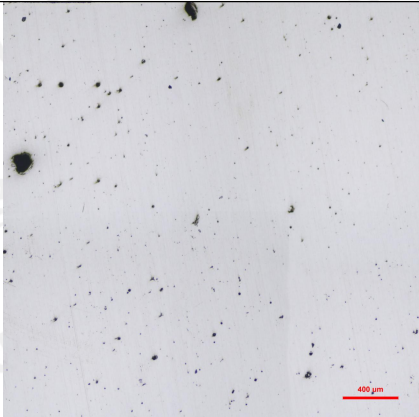
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FT15 孔隙率/Porosity (B)	FT15 最大孔长度/Maximum hole length(B)
	
FT16 孔隙率/Porosity (A1)	FT16 最大孔长度/Maximum hole length(A1)
	
FT16 孔隙率/Porosity(A2)	FT16 最大孔长度/Maximum hole length(A2)

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FT16 孔隙率/Porosity(B)	FT16 最大孔长度/Maximum hole length(B)

.....报告结束/End of Report.....

本报告中结果仅作为科研、教学或内部质量控制之用。

Test results in this report are only used for scientific research, teaching and internal quality control.