



AIGI ENVIRONMENTAL INC.

A Subsidiary of AIGI Group

Seal Machining Technology • Hydraulic & Rotary Seal • Pipeline Connection

AIGI Environmental Incorporated Laboratory

Address: 81Suyuan Ave., Nanjing, China 211100

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Confidential grade

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Inspection Report

Product: OvOn 17-7

Client Department: AIGI R&D Center

Contact Person: Liao Xiangyu

Report No.: JC202302006

Report Date: 2023/02/28

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Sample	OvOn 17-7	Sample Date	/
Model	M30	Sample list number	WT202302018
Samples Quantity	1pc	Sample Condition	Qualified
Sample Type	☐ From new supplier/ ☐ New type sample from existing supplier ☐ Arrival inspection samples ☐ Factory inspection samples/ ☐ Type test samples ☐ Inventory reporting samples ☐ Development of new samples ☐ Customer samples		
Date of Receipt	2023-02-27	Test Period	2023-02-28
Inspection Reference	GB/T 1972-2005 "standard for disc spring" AIGI/SP 15020000 "AIGI OvOn spring specification"		
Inspection Items	Hardness test, load / deflection test		
Inspection Conclusion	Verification of sample design parameters Date of Issue: 2023/02/28		
Note	This test is only responsible for incoming samples.		

Reviewer :

刘昊

Inspector:

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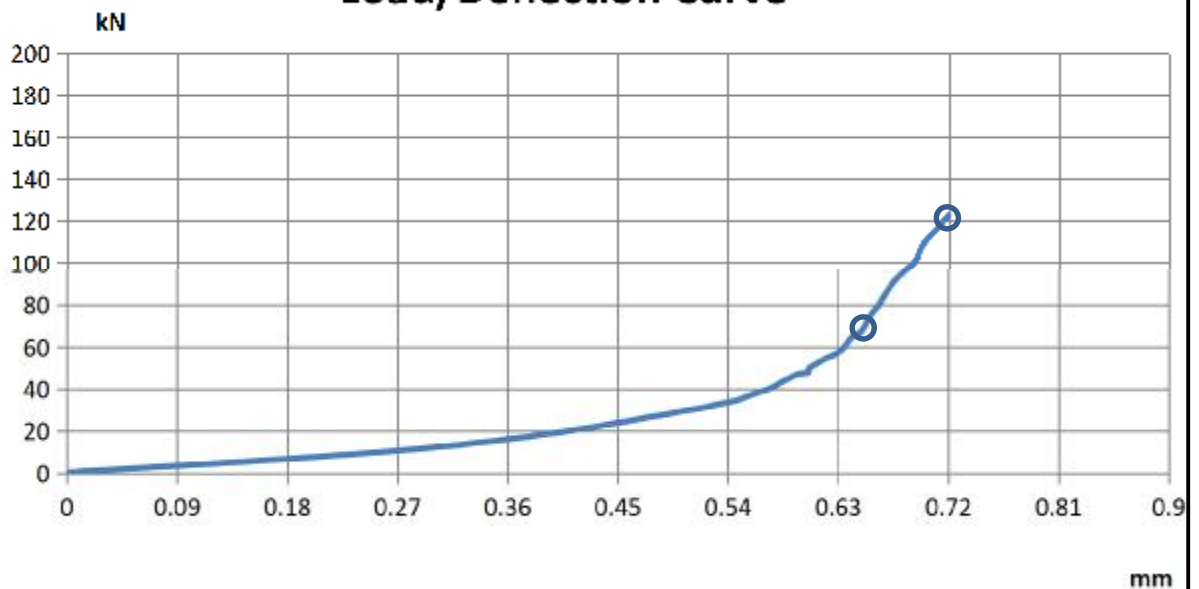
The test results are listed in Table 1

Table 1

No.	Test Item	Unit	Test Result
1	OD	mm	53.88
2	ID	mm	31.08
3	Thickness	mm	4.00
4	Thickness (including OvOn curve)	mm	4.08
5	Thickness after compression and relax (including OvOn curve)	mm	4.08
6	HO	mm	4.72
7	HO after compression and relax	mm	4.70
8	Hardness	HRC	46
9	First deflection	kN	74.3
10	Second deflection	kN	123.0

The hardness test is a non-standard sample block test, and the results are for reference only.

Load/Deflection Curve



Remarks

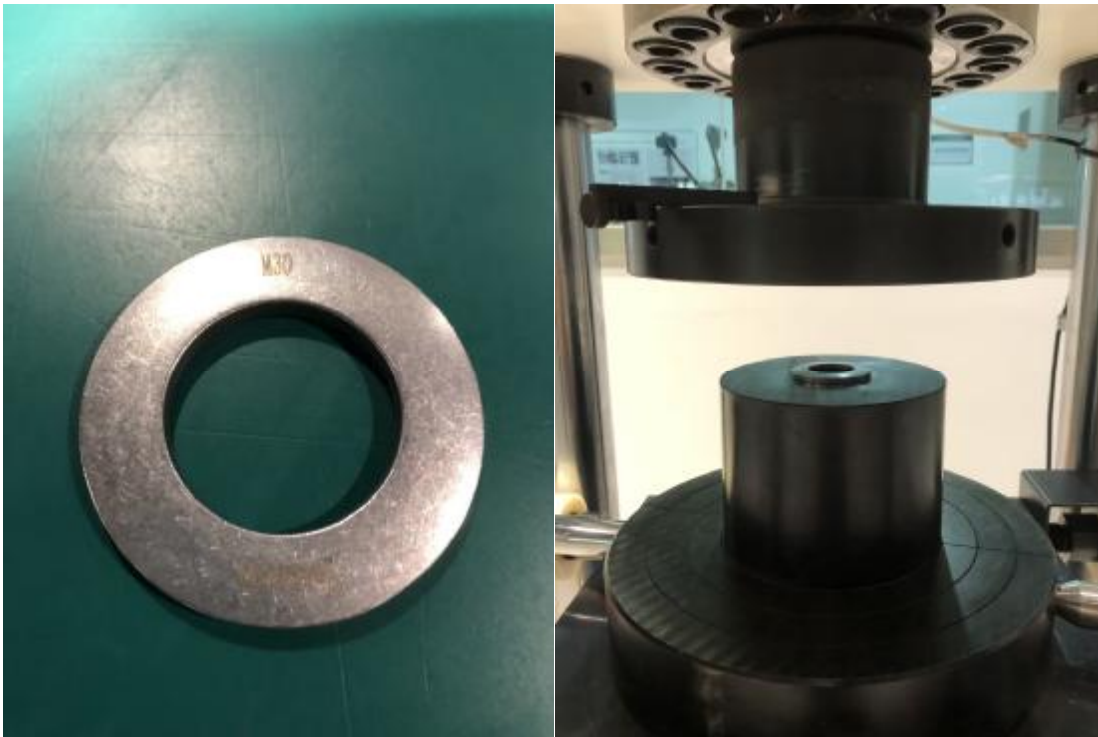


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Before test:



After test:

