

## TEST REPORT

No. : SHIN1409037142PS

Date : Nov 10, 2014

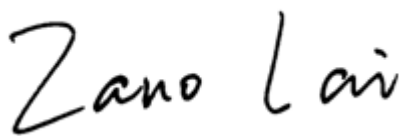
Page: 1 of 3

CUSTOMER NAME: ASIAN VALVE CO., LTD  
ADDRESS: NO.555, HENG CHANG JING ROAD, ZHOU SHI TOWN, KUNSHAN  
CITY, JIANGSU PROVINCE, CHINA

The following sample(s) was/ were submitted and identified on behalf of the client as:

Sample Name : PP-H PIPES  
Product Specification : DIN 280mm  
Manufacturer : ASIAN VALVE CO., LTD  
Material and Mark : Beta-PP BE60-7032  
Other Information : Brand: ASIA  
Date of Receipt : Sep 02, 2014  
Testing Start Date : Sep 02, 2014  
Testing End Date : Oct 29, 2014  
Test result(s) : For further details, please refer to the following page(s)

Signed for  
SGS-CSTC Standards Technical  
Services (Shanghai) Co., Ltd.



Zano Lai  
Authorized signatory

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Test Result:

No.	Test Item	Test Method	Standard Value	Test Result	Conclusion
1	Appearance	DIN 8078:2008	The internal and external surfaces shall be clean and smooth. No defects such as bubbles, obvious scratches, dents, impurities or uneven color.	The internal and external surfaces are clean and smooth. No defects such as bubbles, obvious scratches, dents, impurities or uneven color	Pass
2	Size, mm		280.0≤ outside diameter ≤282.5 25.4≤ wall thickness ≤28.2	outside diameter:281.4 wall thickness:26.0	Pass
3	Charpy Impact (23°C)		Failure rate≤10%	Failure rate: 0%	Pass
4	Longitudinal retraction rate %		0.35	No obvious change	Pass
5	Hydrostatic strength (20°C, 1h)		No broken, do not leak	Not broken, not leak	Pass

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Sample Photo:



- The test was performed by SGS certificated external laboratory.

\*\*\*\*\* End of report\*\*\*\*\*

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