



2012000585E

# National Test Center of Polymer & Building Materials



检测  
CNAS L1049

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No.2014(G)09050

**CUSTOMER:** Asian Valve Co.Ltd

### SAMPLES FOR TESTING

Name: Polypropylene (PP-H) pipes

Manufacturer: Asian Valve Co.Ltd

Appearance: Grey

$d_n90$

Brand: ASIA

Batch NO. : 2014062801

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**DIRECTOR:** 孙若奇

**CHECK:** 杨红浩





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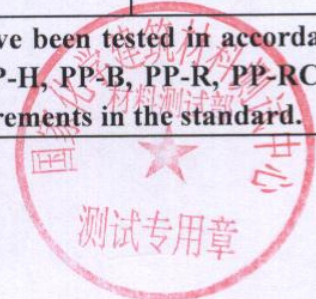
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## TESTING RESULTS

No. 2014(G)09050

No.	Test Items	Requirements	Results
1	Appearance	The internal and external surface of pipes shall be smooth, clean and free from scoring, cavities, and other surface defects. The ends of the pipe shall be cut cleanly and square to the axis of the pipe.	Pass
2	Dimension, mm	90.0 ≤ Average outside diameter ≤ 90.9 8.2 ≤ Wall thickness ≤ 9.3	90.3 8.6~8.7
3	Impact test by the charpy method (23°C)	The percentage of failures ≤ 10%	Pass
4	Longitudinal reversion, %	≤ 2	0.35
5	Hydrostatic strength	1) 20°C, hoop stress 21.0MPa, 1h No failure	Pass
		2) 95°C, hoop stress 4.2MPa, 165h No failure	Pass
		3) 95°C, hoop stress 3.5MPa, 1000h No failure	Pass
<p>Conclusion: The samples of the product referred to in this report have been tested in accordance with the standard of DIN 8077:2008 "Polypropylene (PP) pipes – PP-H, PP-B, PP-R, PP-RCT – General quality requirements and testing". The results meet the requirements in the standard.</p>			



Test: 张伟 孙佳文 李玉娥