

# Test Report

## Test Report

Report No.: E20191202022 Page 1 of 2 pages  
Customer: Pipe Team of QC Department Inspection: Sampling  
Product: Sample Name: PE100 Water Pipe Category: Inspection  
Address: Jiangsu Haiwei Plastic Technology Co., Ltd. Contact: Hai Wei

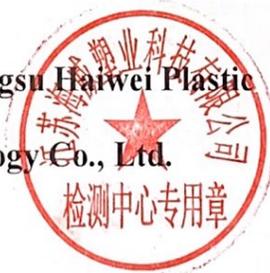
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**Sample Name:** PE 100 Water Pipe

**Customer:** Pipe Group of QC Department

**Inspection Category:** Sampling Inspection

Test Center of Jiangsu Haiwei Plastic  
Technology Co., Ltd.





# Test Center of Jiangsu Haiwei Plastic Technology Co., Ltd.

Add: No. 3, Huanzhen North Road, Mazhen, Xu xiake Town, Jiangyin City, Jiangsu Province, China  
 Post code: 214400 Website: [www.jshwsy.com](http://www.jshwsy.com)  
 Tel: 0510-86916118 Fax: 0510-86916108

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No.	Test Items	Requirements	Results	Judgment
1	Appearance	The internal and external surfaces of pipes shall be smooth, clean and free from scoring, cavities and other surface defects. The pipe ends shall be cut cleanly and square to the axis of the pipe.	Up to standard	Qualified
2	Dimensions, mm	$90.0 \leq dn \leq 90.9$	90.5	Qualified
		$e_{Max}: 6.3$	5.76	
		$e_{Min}: 5.4$	5.58	
		Ovality: $\leq 1.8$	0.8	
3	compound density, kg/m <sup>3</sup>	/	951	/
4	Elongation at break, %	$\geq 350$	576.39	Qualified
5	Hydrostatic strength	Circumferential stress 12.4MPa, 20°C, 100h No failure of any test piece during test period	No failure	Qualified
		Circumferential stress 5.5MPa, 80°C, 165h No failure of any test piece during test period	No failure	Qualified
6	Melt mass-flow rate (MFR), %	$\leq \pm 20$	3.9	Qualified
7	Oxidation induction time (OIT), 200°C, min	$\geq 20$	36.15	Qualified
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Remark /				

Mainly Tested by

