Test Report

Report No.: E20191202022

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
Tel:: 0510-86916118

Website: www.jshwsy.com
Fax: 0150-86916108

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Report No.: E20191202022

Customer	Pipe Team of QC Department	**Inspection Category**	Sampling Inspection
Producer	Jiangsu Haiwei Plastic Technology Co., Ltd.	**Trade Mark**	Hai Wei
Production time	12th Dec.2019	**Sample name**	PE 100 Water Pipe
Specification	dn90 SDR17	**Appearance**	Black
Batch No.	/	**Base sampling no.**	/
Sample quantity	**1.0m**	**Sample ID**	E20191202022
Sampling site	Jiangyin Production Base	**Sampling time**	12th Dec.2019
Sampling department	Pipe Team of QC Department	**Deliverer**	Shi jian jun
Test Result	The samples of the products referred to this report have been tested in accordance with the standard of ISO 4427:2007 "Plastics piping systems - Polyethylene (PE) pipes and fittings for water supply" . The results meet the requirement in the standard. Seal of the test union Issuing date: 19th Dec.2019		
Remarks	/		

Approved by: 嘉波 **Examined by:** 石建

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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≦dn ≦90.9	90.5	Qualified
		e_{Max}:6. 3	5.76	
		e_{Min}:5.4	5.58	
		Ovality: ≦1.8	0.8	
3	compound density, kg/m³	/	951	/
4	Elongation at break, %	≧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), %	≦±20	3.9	Qualified
7	Oxidation induction time (OIT), 200°C, min	≧20	36.15	Qualified
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Remark		/		

Mainly Tested by

江苏海威塑业科技有限公司 检测中心专用章