



Pars Ethylene Kish

PARS ETHYLENE KISH Co.
Manufacturer of Polyethylene Pipe and Fitting
TESTING CERTIFICATE
HDPE PIPE

Raw Material Test Report

Table with 7 columns: Sample Code, Type of Raw Material, MRS, Production Date, Test Date, Company, Made In, Lot No., Grade, Color, Reference Standard, Applicant. Includes test results for Carbon Black Content, Degree of Dispersion, Appearance, Density, MFR, OIT, and Volatile Content.

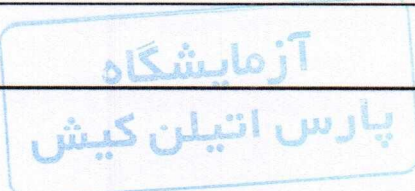
Pipe Test Report

Table with 7 columns: Sample Code, Nominal OD, PN, Safety Factor, SDR, Application, Nominal Wall Thickness, Production Line, Reference Standard, Standard of Butt Fusion, Pipe Production Date, Pipe Test Date, Report Issue Date, Standard of Field Leak Testing. Includes test results for Mean Outside Diameter, Roundness, Wall Thickness, Marking, Appearance, Carbon Black Content, Hydrostatic Strength, Density, MFR, Reversion, OIT, Elongation, and Tensile Strength.

Summary of Results: All Results Conform to the Requirement of the Reference Standards (INSO 14427-1, 2)

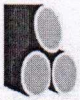
Remarks section with three columns for Laboratory Expert (M. Maei), Laboratory Technical Manager (M. Goshtasb), and Laboratory Manager (H. Fazeli), each with a signature.

Notice: - Uncertainties of Results will be reported upon customer's request. - These Results are Valid just for these samples. - All rights are reserved for Pars Ethylene Kish Laboratory. - the sampling is done by QC Department.



Laboratory Address: Sahar 3, End of West Mollasadra Blvd., End of Aboreyhan Blvd., Eshtehard Industrial Town, I.R.IRAN. Tel: +98(26)37776400 Fax: +98(26)37776400 Web Site: www.Parsethylene-Kish.com Email: Lab@Parsethylene-Kish.com





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Pipe Test Report

Table with 7 columns: Sample Code, Nominal OD, PN, Safety Factor, SDR, Application, Nominal Wall Thickness, Production Line, Reference Standard, Standard of Butt Fusion, Pipe Production Date, Pipe Test Date, Report Issue Date, Standard of Field Leak Testing. Includes test results for Mean Outside Diameter, Roundness, Wall Thickness, Marking, Appearance, Carbon Black Content, Hydrostatic Strength, Density, MFR, Reversion, OIT, Elongation, and Tensile Strength.

Summary of Results:

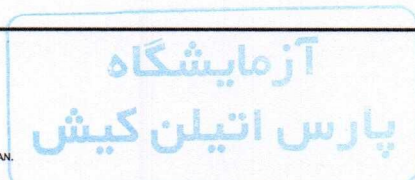
All Results Conform to the Requirement of the Reference Standards (ISO 14427-1, 2)

Remarks section with three columns for Laboratory Expert (M. Maei), Laboratory Technical Manager (M. Goshdash), and Laboratory Manager (H. Fazeli), each with a signature.

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Form Code: LMS-FP-19-19-03



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Tel: +98(26)37776400
Fax: +98(26)37776400
Web Site: www.Parsethylene-Kish.com
Email: Lab@Parsethylene-Kish.com





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Raw Material Test Report

Table with 5 columns: Sample Code, Type of Raw Material, MRS, Production Date, Test Date. Values include M0101015, PE100, 10 MPa, 1400, 1401/01/25.

Table with 5 columns: Company, Made In, Lot No., Grade, Color. Values include Jam Petrochemical Co., Iran, 010010, HMCPR100B, Black.

Table with 2 columns: Reference Standard, Applicant. Values include INSO 14427-1, Arta Energy Co.

Main test results table with columns: Characteristics, Value, Unit, Requirement, Test Status, Pro. Of Conformity, Conditions, Test Method. Rows include Carbon Black Content, Density, Melt Flow Rate, etc.

Pipe Test Report

Table with 7 columns: Sample Code, Nominal OD, PN, Safety Factor, SDR, Application. Values include P0102010, 250, 10, 1.25, 17, Water Supply.

Table with 4 columns: Nominal Wall Thickness, Production Line, Reference Standard, Standard of Butt Fusion Jointing Procedure.

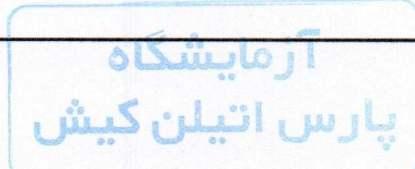
Table with 4 columns: Pipe Production Date, Pipe Test Date, Report Issue Date, Standard of Field Leak Testing Procedure.

Main pipe test results table with columns: Characteristics, Value, Unit, Requirement, Test Status, Pro. Of Conformity, Conditions, Test Method. Rows include Mean Outside Diameter, Hydrostatic Strength, Density, etc.

Summary of Results: All Results Conform to the Requirement of the Reference Standards (INSO 14427-1, 2)

Remarks section with three columns for signatures: Laboratory Expert (M. Maei), Laboratory/Technical Manager (M. Geshlasb), Laboratory Manager (H. Fazeli).

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