



Lab collaboration with General Office of Standard & Industrial Research of  
Tehran - No. certification: T/1565  
ISIRI-ISO/IEC 17025 - No. certification: NACI/Lab/711

Document code: F4030/07

Revision date: 94/06/15

Andisheh Bartar Miran  
Institute

**Test Report**

**Licenses:**

-License of research from the Ministry of Industries and Business  
- The authority license for research collaboration with the Ministry of Petroleum  
-License of Iran Technical and Vocational Training Organization  
- License for holding workshops for Institute of Standards and Industrial Research of Iran

**Agreements:**

-Iran Polymer and Petrochemical Institute  
- Sazeh Gostar Saipa  
- Razi Metallurgical Research Center  
- Razi foundation  
- Gostaresh Plastic  
- Aryanam

Applicant	Ms. Farzaneh	Test code	1401080901
company/producer	Polymer Azin Esfarayen Co. (PJS)	Result Published on	2022/12/10
Sample Name and Type	-	Appendix/Supplement	1 pages
Trade name	PolyAzin	Date of sampling	-
Application number	1401/052	Sample Received on	2022/10/31
Application date	-	Sample Tested on	2022/11/09
Sample code	-	Production date	-
Address of applicant: PolymerAzin- Industrial town- Esfarayen- North Khorasan Province		Production series	-
Tel: +98 9122766995 Fax: -		Place of sampling	-
		Type of standard	-
Standard Reference: -	Cost of experiment:.....	conditioning:	Temperature: 23 ± 2°C Humidity: 50 ± 5 %

No.	Test Measurement	Standard	Standard Limit	Result	Defects		
					Slight	Major	Critical
1	Melting point Temperature (DSC)	ISO 11357	-	Peak 1: 154.92°C Peak 2: 163.21°C (The graph is attached)			

**Procedure condition:**

DSC: Rate: 10°C/min, atmosphere: Nitrogen

**Comments:**

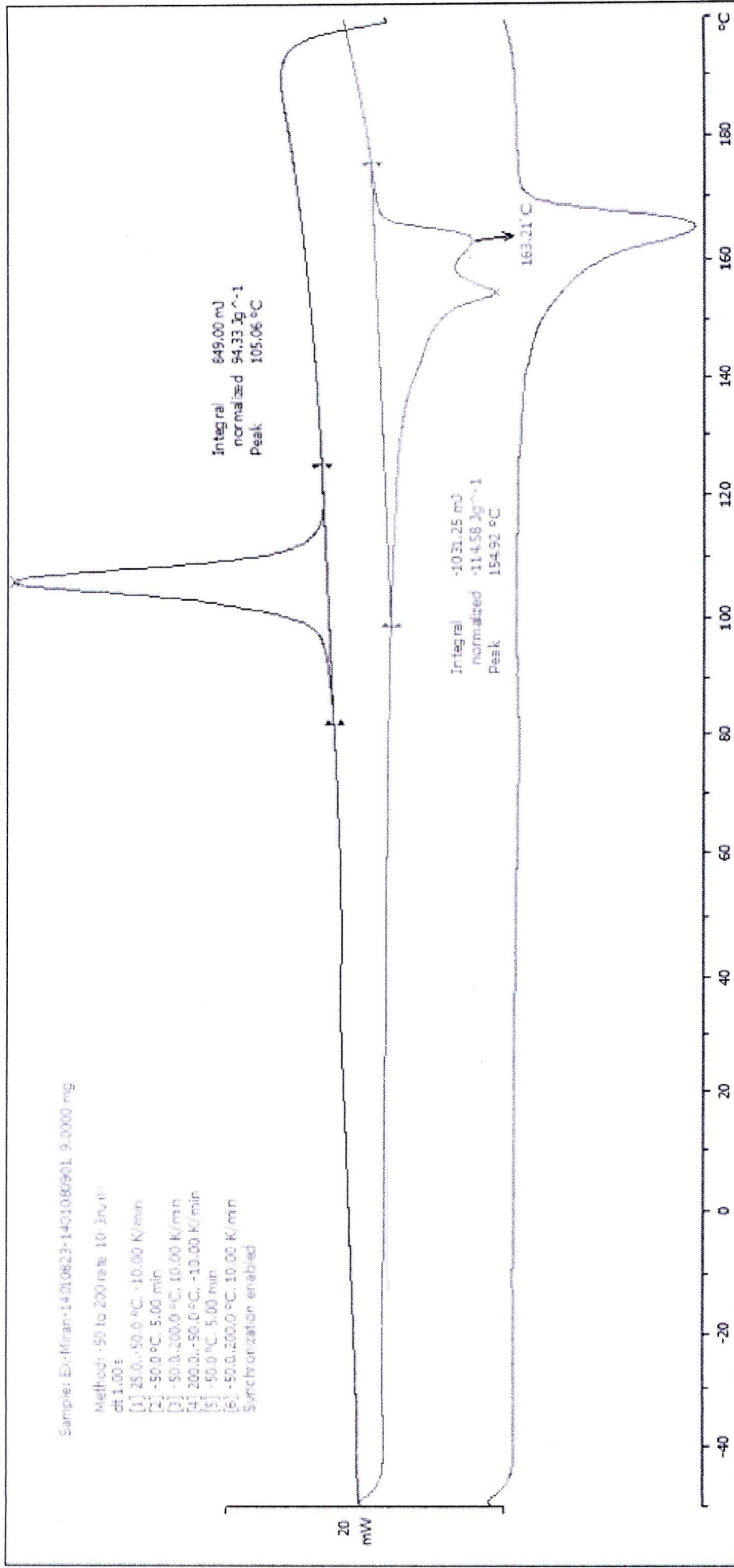
- 1- Sampling was done by applicant.
- 2- This result is valid just for this received sample.
- 3- Amount of sample is in accordance with the standard.
- 4- The above test has been done in Petrochemical Research and Technology Company.








Tested by: Sude Bayatani

Technical Manager: Parham Noori

Managing Director: Alireza Mirbolook



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<b>Andisheh Bartar Miran Institute</b>		<b>Test Report</b>					
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company/producer	Polymer Azin Esfarayen Co. (PJS)	Result Published on	2022/12/10				
Sample Name and Type	-	Appendix/Supplement	-				
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Address of applicant: PolymerAzin- Industrial town- Esfarayen- North Khorasan Province Tel: +98 9122766995 Fax: -		Production series	-				
		Place of sampling	-				
		Type of standard	-				
Standard Reference: -	Cost of experiment:.....	conditioning:	Temperature: 23 ± 2°C Humidity: 50 ± 5 %				
No.	Test Measurement	Standard	Standard Limit	Result	Defects		
					Slight	Major	Critical
1	Yellowness Index	ISO 17223	-	SCI			
				SCE	4.52	4.69	
Procedure condition: Yellowness Index: D65, 10°, Specimen thickness: 1 mm							
Comments: 1- Sampling was done by applicant. 2- This result is valid just for this received sample. 3- Amount of sample is in accordance with the standard. 4- Yellowness value of the white backing plate is 1.83 in SCI mode and 2.34 in SCE mode.							
Tested by: Sude Bayatani 		Technical Manager: Parham Noori 		Managing Director: Alireza Mirbolook  ۲۳۵۹۷: تلفن			

Address: 2nd floor, No.1, 25<sup>th</sup> street, Lashgari Expy, Tehran, Iran. Po. Code: 1399837611 Tel & Fax: +982144539094-5, +982144565305  
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Andisheb Barar Miran  
 Institute

Test Report

Applicant	Ms. Farzaneh	Test code	1401080901
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		Production series	-
		Place of sampling	-
		Type of standard	-

Address of applicant: PolymerAzin- Industrial town- Esfaryen- North Khorasan Province

Tel: +98 9122766995

Fax: -

conditioning:

Temperature: 23 ± 2°C Humidity: 50 ± 5 %

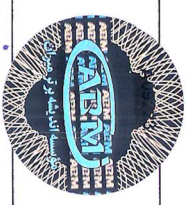
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  - Razi Metallurgical Research Center
  - Razi foundation
  - Gostarsh Plastic
  - Ayyaman

No.	Test Measurement	Standard	Standard Limit	Result	Defects		
					Slight	Major	Critical
1	Dynamic Mechanical Thermal Analysis (DMTA)	ASTM E1640-18	-	Tg: -15.53°C (The graph is attached)			

Procedure condition:

DMTA:

Bending mode, Frequency: 1 Hz, Displacement amplitude: 10µm, Rate: 5°C/min, Specimen dimensions: length: 10 mm, Width: 4.05 mm, Thickness: 1.09 mm



- Comments:**
- 1- Sampling was done by applicant.
  - 2- This result is valid just for this received sample.
  - 3- Amount of sample is in accordance with the standard.
  - 4- The above test has been done in Iran Polymer and Petrochemical Institute.

Tested by: Sude Bayatani	Technical Manager: Parham Noori	Managing Director: Alireza Mirbolook
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