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											
Applicant	Ms. Farzaneh	Test code	e	1401080901								
company/producer	Polymer Azin Esfarayen ((PJS)	Co. Result P	ublished on	2022/12/10								
Sample Name and Type	-	Appendi	x/Supplement	1 pages								
Trade name	PolyAzin	Date of s	ampling	-								
Application number	1401/052	Sample I	Received on	2022/10/31								
Application date	-	Sample 7	Tested on	2022/11/09								
Sample code	•	Producti	on date	-								
Address of applicant: I Esfarayen- North Khora	PolymerAzin- Industrial town-	Producti	on series	-								
Estarayen- North Khora	San i Tovince	Place of	sampling	-								
Tel: +98 9122766995	Fax: -	Type of s	standard	_								
Standard Reference: -	Cost of experiment:	conditioning:	$3 \pm 2^{\circ}$ C Humidity: $50 \pm 5 \%$									

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

			Standard		Defects				
No.	Test Measurement	Standard	Limit	Result	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.

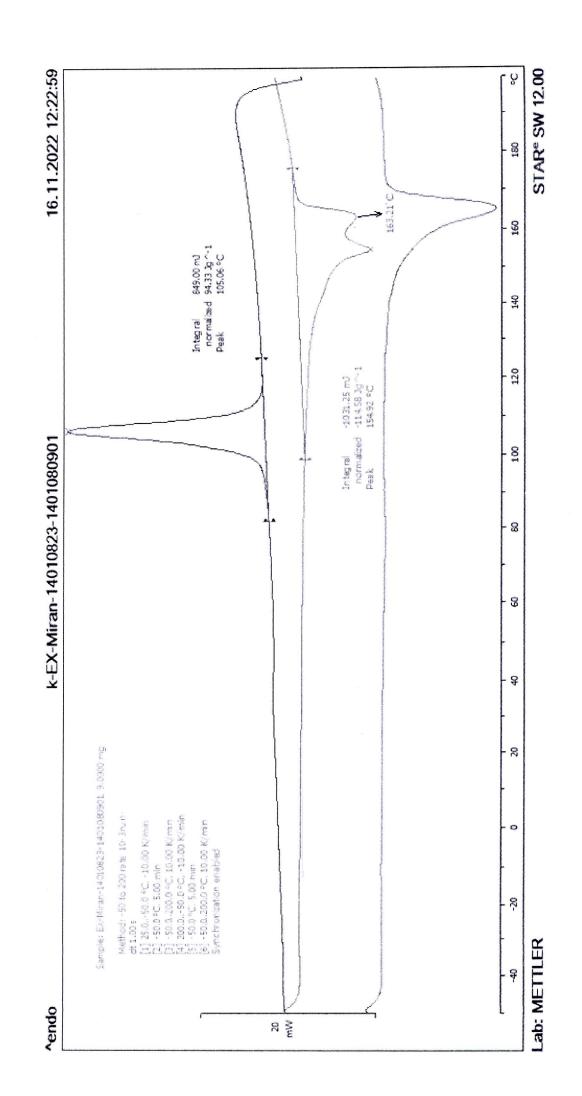


Tested by: Sude Bayatani

Technical Manager: Parham Noori

Managing Director Alireza Mirbolook

street, Lashgari Expy, Tehran, Iran. Po. Code: 1399837611 Tel & Fax: +982144539094-5, +982144565305 Address: 2nd floor, No.1, 25th This report is invalid/without logo, sign, seal and hologram sticker's institution. Copy of this paper is not valid and for each test exports Page 1 of 2 only one result.



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Application number	1401/052	Sample	Received on	2022/10/31								
Application date	-	Sample	Tested on	2022/11/09								
Sample code	-	Produc	tion date	-								
Address of applicant: Esfarayen- North Khora	PolymerAzin- Industrial town-	Produc	tion series	-								
Estarayen- North Khora	San i Tovinec	Place o	f sampling	-								
Tel: +98 9122766995	Fax: -	Type o	f standard	-								
Standard Reference: -	Cost of experiment:	conditioning:	Temperature: 2	$3 \pm 2^{\circ}$ C Humidity: $50 \pm 5 \%$								

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:

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Institute

- Sazeh Gostar Saipa
- Razi Metallurgical Research Center
- Razi foundation
- Gostaresh Plastic

-	
%	- Aryanam

	# 1 To 1	Majoria nie	Standa	A THE STREET				Defects	
No.	Test Measurement	Standard	rd Limit		Result	Slight	Major	Critical	
		100 17222			SCI	SCE			
1	Yellowness Index	ISO 17223	-	YI	4.52	4.69			
		5000000 and 5000000000000000000000000000000000000		YI	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.

AEVI

Tested by: Sude Bayatani

Technical Manager: Parham Noori

Managing Director: Alireza Mirbolook

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94/06/15 F4030/07

,	1	No.	2	Standaı	Tel: +98		Addres	Sample code	Applica	Applica	Trade name	Sample	compan	Applicant	Andish		
7.1.	Dynamic Mechanical Thermal Analysis (DMTA)	Test		Test		Standard Reference: -	Tel: +98 9122766995		Address of applicant: PolymerAzin Esfaraven- North Khorasan Province	code	Application date	Application number	ame	Sample Name and Type	company/producer	nt	Andisheh Bartar Miran Institute
		Test Measurement		Cost of experiment:	Fax: -		Address of applicant: PolymerAzin- Industrial town- Fsfaraven- North Khorasan Province	1		1401/052	PolyAzin	ı	Polymer Azin Esfarayen Co. (PJS)	Ms. Farzaneh			
The second secon	ASTM E1640-18	Standard ASTM E164		conditioning:		own-							rayen Co.				
	640-18	ard		••	Type of standard	Place of sampling	Production series	Production date	Sample Tested on	Sample Received on	Date of sampling	Appendix	Result Published on	Test code	Test Report		
	1	d Limit	Standar	Temperature: 23 ± 2°C	andard	ampling	n series	n date	ested on	eceived on	mpling	Appendix/Supplement	blished on		ort		
	Tg: -15.53°C (The graph is attached)	Result		$23 \pm 2^{\circ}$ C Humidity: $50 \pm 5\%$	•	•			2022/11/09	2022/10/31		1 pages	2022/12/10	1401080901			
		Slight Major Critical	Defects	- Aryanam	- Gostaresh Plastic	Center Pagi foundation	 Sazeh Gostar Saipa Razi Metallurgical Research 	-Iran Polymer and Petrochemical Institute	Agreements:	for Institute of Standards and Industrial Research of Iran	Vocational Training Organization - License for holding workshops	Ministry of Petroleum -License of Iran Technical and	- The authority license for research collaboration with the	Ministry of Industries and	Licenses: -I.icense of research from the		

Procedure condition:

DMTA:

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

- 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.

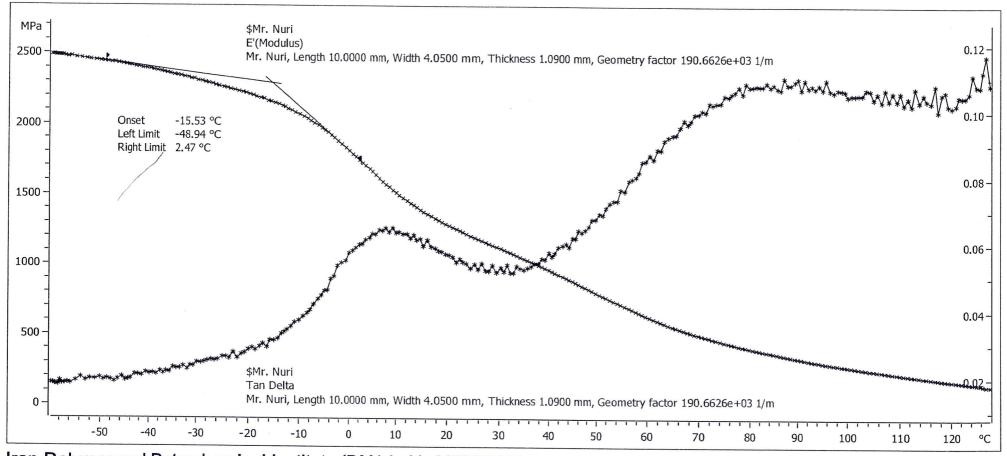
Technical Manager: Parham Noori

Tested by: Sude Bayatani

Managing Director: Alireza Mirbolook ALOAL LEST TRANSPORT 7 0

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STARe SW 14.00