



# ASPC

Arya Sasol Polymer Company

## Certificate of Analysis - A40896 - L9905250390



Test  
TS EN ISO/IEC 17025  
AB-1429-T

AB-1429-T
A40896 - L9905250390
Sep 2020

**Customer Order Number:** A40896  
**Sales Part Number:** LFI2119-S  
**Batch Number:** L9905250390  
**Quality of the Batch:** 1st  
**Analysis Number:** 61909  
**Analysis Date and Time:** August 16, 2020 8:41 am  
**Print Date:** 16-Sep-2020

**Customer Address:**  
 SPI International Proprietary Ltd  
 No.306, Isie Smuts Street, Garsfont  
 Ext.3, Pretoria, South Africa  
 0060 - Pretoria  
 ISLAMIC REPUBLIC OF IRAN

No.	Property	Unit	Result	Min	Max	Conformance	Test Method
1	MFI (2.16 kg, 190C)	dg/min	2.00	1.7	2.2	Y	ISO 1133 -1(A)
2	Density@ 23 C	kg/m3	920.40	920	923	Y	ISO 1183-1 (A)
3	Gloss ( 45deg)	GU		50	100	Y	ASTM D2457
4	Haze	%		0	12	Y	ASTM D1003A
5	Gel level	gel/m2		0	10	Y	SAB 270-702
6	Antioxidant content (1:1)	ppm wt		540	660	Y	SAB 170-033
7	Impurities	*				Y	SAB 270-719 *



Tel: +98 (21) 85920000 Fax: +98 (21) 88645199  
[info@aryasasol.com](mailto:info@aryasasol.com) [www.aryasasol.com](http://www.aryasasol.com)



**Plant Address:**  
 Arya Sasol Polymer Company  
 Pars Special Economic Energy Zone  
 Assaluyeh, Iran  
 Website: [www.aryasasol.com](http://www.aryasasol.com)  
 (Ver.03-28.Apr.2019)

**Postal Address:**  
 Arya Sasol Polymer Company  
 No. 2551, 7th Floor, Kian Tower  
 Vall-e-Asr Ave. Tehran  
 P.O. Box: 15875-8393  
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Sep 2020

### Low Density Polyethylene (LDPE)

- 1) Gloss & Haze measured for 25 micro film with BUR=3
- 2) Gel level, Number of Gels > 600 micro per m<sup>2</sup>, measured at 50 micro film
- 3) Any further information about test methods will be provided on customer request.
- 4) Conformance is determined according to ASPC first/ second quality specification (table QUA-QA-TAB-001~003 )
- 5) MFI Test Method ( ISO1133-1A) @23C.

the pre-heat time used is 240s , the predetermined time of measurement is 20s  
the mass of the cut-offs and the cut of time intervals are according to table 4 in  
ISO 1133-1A. Uncertainty MFI LD=7.95% , K=2

- 6) Density Test Method ( ISO1183-1A): Density report result is average of 2 raw data which individually available in LIMS. the immersion liquids used is water, Method of Specimen Preparation is ASTM D4703. Uncertainty Density LD=0.19 % , K=2

Test methods outside the accreditation scope of ISO/IEC 17025 are identified by star mark (\*).

"ASPC laboratory accredited by TÜRKAK under registration number AB-1429-T for TS EN ISO/IEC 17025:2017 as test laboratory."

The Turkish Accreditation Agency (TÜRKAK) is a signatory to the European Co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of the test reports.

This test result exclusively indicates the sample submitted to the laboratory.



Authorized by: **H.Ashouri**



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# ASPC

Arya Sasol Polymer Company

## Certificate of Analysis - A40896 - L9905251630



Test  
TS EN ISO/IEC 17025  
AB-1429-T

AB-1429-T

A40896 -  
L9905251630

Sep 2020

**Customer Order Number:** A40896  
**Sales Part Number:** LFI2119-S  
**Batch Number:** L9905251630  
**Quality of the Batch:** 1st  
**Analysis Number:** 61929  
**Analysis Date and Time:** August 17, 2020 8:57 am  
**Print Date:** 16-Sep-2020

**Customer Address:**  
SPI International Proprietary Ltd  
No.306, Isie Smuts Street, Garsfont  
Ext.3, Pretoria, South Africa  
0060 - Pretoria  
ISLAMIC REPUBLIC OF IRAN

No.	Property	Unit	Result	Min	Max	Conformance	Test Method
1	MFI (2.16 kg, 190C)	dg/min	2.10	1.7	2.2	Y	ISO 1133 -1(A)
2	Density@ 23 C	kg/m3	920.50	920	923	Y	ISO 1183-1 (A)
3	Gloss ( 45deg)	GU		50	100	Y	ASTM D2457
4	Haze	%		0	12	Y	ASTM D1003A
5	Gel level	gel/m2		0	10	Y	SAB 270-702
6	Antioxidant content (1:1)	ppm wt		540	660	Y	SAB 170-033
7	Impurities	*				Y	SAB 270-719 *



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