



www.epackpetrochem.com

Product Catalogue 2025

EPS - RESIN

EPACK PETROCHEM SOLUTIONS





www.epackpetrochem.com



 **India : Head Office +
Manufacturing Plant**



 **China : Office +
Manufacturing Plant**



 **Dubai (UAE)
Office**



 **Budapest (Hungary)
Office**

ABOUT EPACK GROUP

EPACK Group stands as one of India's leading industrial powerhouses, renowned for its diversified portfolio across durable goods, industrial manufacturing, and packaging solutions. With over four decades of experience, EPACK has consistently driven industry standards, delivering quality and innovation in every sector it operates. Today, EPACK Group continues to serve as a trusted partner to various industries, providing end-to-end solutions that drive sustainable growth and operational efficiency.

With a foundation rooted in integrity, innovation, and collaboration, EPACK Group continues to shape India's industrial landscape, adapting to global standards and emerging as a reliable partner for clients around the world.

EPACK Polymers (P) Ltd.

- Gr. Noida, Delhi NCR

EPACK Durable Ltd (EDL)

- Gr. Noida, Delhi NCR
- Dehradun, Uttarakhand
- Bhiwadi, Rajasthan
- Sricity, Andhra Pradesh

EPACK Prefab (P) Ltd.

- Gr. Noida, Delhi NCR
- Ghilot, Rajasthan
- Tirupati, Andhra Pradesh

EPACK Petrochem Solutions Pvt. Ltd.

- Dahej, Gujarat



ABOUT EPACK PETROCHEM

EPACK Petrochem is the Most Advanced Expandable Polystyrene (EPS) Resin Manufacturer in India

At EPACK Petrochem, we are dedicated to delivering the highest quality EPS resin, leveraging cutting-edge technology and state-of-the-art equipment. Our factory is designed to ensure reliable, consistent production that meets the diverse needs of industries across the globe.

We specialize in producing Flame Retardant EPS, engineered to meet stringent international standards, making it the preferred choice for a wide range of applications. As a trusted manufacturer, supplier, and exporter, EPACK Petrochem sets new benchmarks in quality and safety in the EPS industry.

OUR PRODUCTS



White EPS



Graphite EPS



Coloured EPS



Recycled EPS



WHITE EPS

White EPS, also known as Standard EPS, represents the classic expandable polystyrene bead widely used across industries. It is known for its excellent insulation, cushioning, and versatile applications.

FLAME RETARDANT EPS

Typical Properties*		
Grade	Bead Size, mm	Density, g/l
F 221	1.25-2.00	13-25
F 321	0.85-1.20	13-25
F 325	0.71-1.25	13-25
F 422	0.71-1.00	12-30
F 522	0.42-0.71	14-35

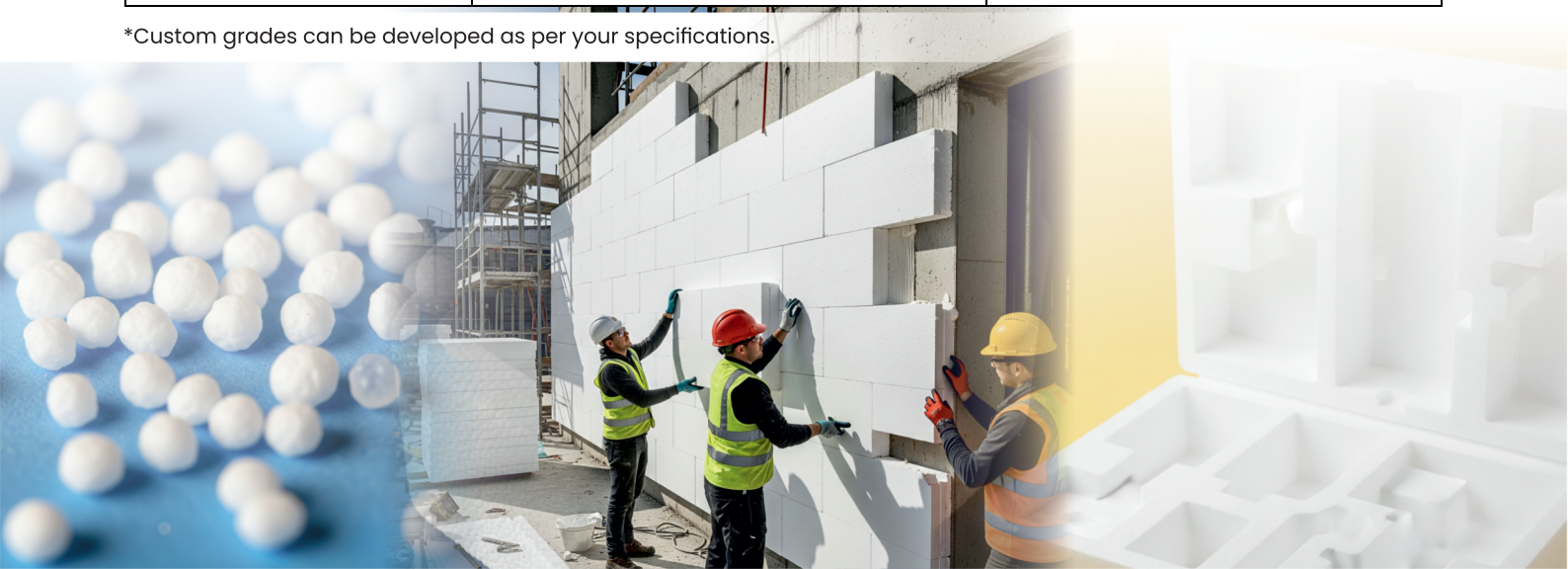
*Custom grades can be developed as per your specifications.

FAST CYCLE HIGH EXPANSION EPS

Fast Cycle High Expansion EPS is a specialized grade of White EPS designed for high expansion and faster processing. It enables lighter, lower-density products while improving material efficiency and production speed.

Typical Properties*		
Grade	Bead Size, mm	Density, g/l
BP 221	1.25-2.00	13-25
BP 321	0.85-1.20	13-25
BP 325	0.71-1.25	13-25
BP 422	0.71-1.00	12-30
BP 522	0.42-0.71	14-35

*Custom grades can be developed as per your specifications.



GRAPHITE EPS (GREY EPS)

Graphite EPS is a premium insulation made by infusing EPS beads with high-purity graphite, boosting thermal performance by up to 20% over white EPS. Lightweight, durable, moisture-resistant, and recyclable, it's ideal for sustainable, energy-efficient buildings.

Graphite EPS (Suspension)

Typical Properties*		
Grade	Bead Size, mm	Density, g/l
HF 301	1.00-1.60	14-18
HF 302	0.85-1.25	16-20
HF 303	0.70-0.90	18-25
HF 401	0.50-0.80	22-30
HF 501	0.40-0.60	25-35

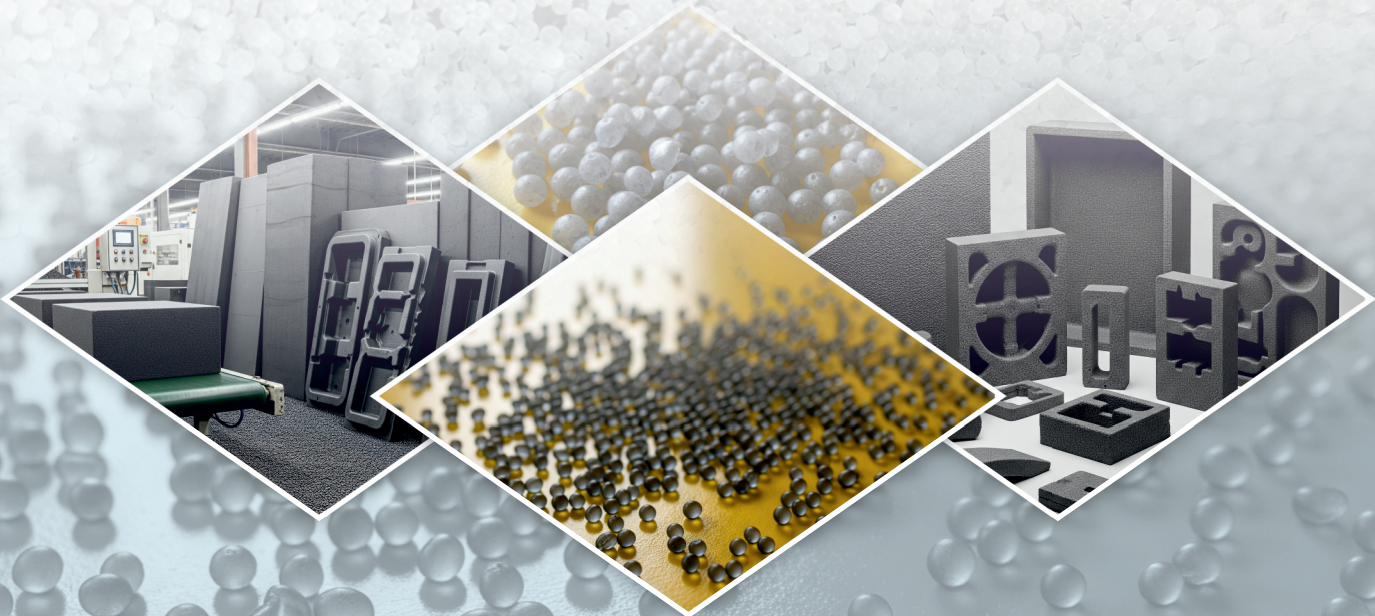
*Custom grades can be developed as per your specifications.

Grey EPS extrusion produces high-performance polystyrene with superior insulation, strength, and durability. Graphite particles added during production give it a grey color and boost energy efficiency by reflecting and absorbing radiant heat.

Graphite EPS (Extrusion)

Typical Properties*		
Grade	Bead Size, mm	Density, g/l
F301GT	1.00-1.60	15-25

*Custom grades can be developed as per your specifications.



COLOURED EPS

Colour EPS is made from premium polystyrene with added pigments, offering vibrant, long-lasting colours, durability, and easy processing—combining functionality with creative design possibilities.



Recycled EPS (R-EPS)

Graphite EPS (Extrusion)

Typical Properties*		
Grade	Bead Size, mm	Density, g/l
RF301GT	1.00-2.00	15-25

*Custom grades can be developed as per your specifications.

Our **R-EPS** is an eco-friendly polymer material made from recycled polystyrene foam and other waste materials via our advanced extrusion EPS process. Designed with circular economy principles, R EPS delivers the same mechanical properties and durability as virgin EPS while significantly reducing environmental impact.



APPLICATIONS



- **Food Industry** – disposable cups, plates, trays, iceboxes, fish boxes



- **Industrial Applications** – insulation of tanks, pipelines, and ducting



- **Events & Displays** – exhibition booths, 3D models, branding displays



- **Furniture & Lifestyle** – bean bag fillings, cushions, mattress supports



- **Decorative** – exhibition props, stage sets, craft materials

Certificates



QUALITY MANAGEMENT SYSTEM

Certificate of Registration

This is to Certify That The Quality Management System of

EPACK PETROCHEM SOLUTIONS PRIVATE LIMITED

PLOT NO. D-3627/1, GIDC INDUSTRIAL ESTATE, TAL. VAGRA, DAHEJ-III, BHARUCHA OUTRAGE, 392130, INDIA.

has been assessed and found to conform to the requirements of

ISO 9001:2015

for the following scope :

MANUFACTURING AND SUPPLY OF EPS (EXPANDABLE POLYSTYRENE).

Certificate No: 2SDQPB04
Initial Registration Date: 22/07/2025
Date of Reappraisal: 21/07/2028
1st Surve. Due: 22/06/2026
2nd Surve. Due: 22/06/2027

elaci
CB-QMS-435

ROHS Certification Pvt. Ltd.
A Lab. And More (P) Ltd. Regd. Office, Ganga Building, Near Panchajanya
Email: info@rohs-certification.com | Website: www.rohs-certification.com
The Registration is not a Product Quality Certificate. "Not for a successful completion of surveillance audits. Valid for registration in www.elacertification.com to indicate the compliance of ISO 9001:2015 standard."

QUALITY MANAGEMENT SYSTEM

ENVIRONMENTAL MANAGEMENT SYSTEM

Certificate of Registration

This is to Certify That The Environmental Management System of

EPACK PETROCHEM SOLUTIONS PRIVATE LIMITED

PLOT NO. D-3627/1, GIDC INDUSTRIAL ESTATE, TAL. VAGRA, DAHEJ-III, BHARUCHA OUTRAGE, 392130, INDIA.

has been assessed and found to conform to the requirements of

ISO 14001:2015

for the following scope :

MANUFACTURING AND SUPPLY OF EPS (EXPANDABLE POLYSTYRENE).

Certificate No: 2SDQPB05
Initial Registration Date: 22/07/2025
Date of Reappraisal: 21/07/2028
1st Surve. Due: 22/06/2026
2nd Surve. Due: 22/06/2027

elaci
CB-EMS-435

ROHS Certification Pvt. Ltd.
A Lab. And More (P) Ltd. Regd. Office, Ganga Building, Near Panchajanya
Email: info@rohs-certification.com | Website: www.rohs-certification.com
The Registration is not a Product Quality Certificate. "Not for a successful completion of surveillance audits. Valid for registration in www.elacertification.com to indicate the compliance of ISO 14001:2015 standard."

ENVIRONMENTAL MANAGEMENT SYSTEM

OCCUPATIONAL HEALTH & SAFETY MANAGEMENT SYSTEM

Certificate of Registration

This is to Certify That The Occupational Health & Safety Management System of

EPACK PETROCHEM SOLUTIONS PRIVATE LIMITED

PLOT NO. D-3627/1, GIDC INDUSTRIAL ESTATE, TAL. VAGRA, DAHEJ-III, BHARUCHA OUTRAGE, 392130, INDIA.

has been assessed and found to conform to the requirements of

ISO 45001:2018

for the following scope :

MANUFACTURING AND SUPPLY OF EPS (EXPANDABLE POLYSTYRENE).

Certificate No: 2SDQPB04
Initial Registration Date: 22/07/2025
Date of Reappraisal: 21/07/2028
1st Surve. Due: 22/06/2026
2nd Surve. Due: 22/06/2027

elaci
CB-OHSMS-435

ROHS Certification Pvt. Ltd.
A Lab. And More (P) Ltd. Regd. Office, Ganga Building, Near Panchajanya
Email: info@rohs-certification.com | Website: www.rohs-certification.com
The Registration is not a Product Quality Certificate. "Not for a successful completion of surveillance audits. Valid for registration in www.elacertification.com to indicate the compliance of ISO 45001:2018 standard."

OCCUPATIONAL HEALTH & SAFETY MANAGEMENT SYSTEM



SGS

TEST REPORT

Report No.: **PN-EE-1656006919** ISSUE DATE: **19/12/2024**

EPACK PETROCHEM SOLUTIONS PRIVATE LIMITED
PLOT NO. D-3627/1, GIDC INDUSTRIAL ESTATE, TAL. VAGRA, DAHEJ-III, BHARUCHA OUTRAGE, 392130, INDIA.

CONTACT PERSON : MR AMIT CHAUDHARI

THE FOLLOWING SAMPLE(S) WASHWERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS :

SAMPLE DESCRIPTION
SEM
COUNTRY OF ORIGIN
DATE OF SAMPLE REGISTRATION
TEST(S) REQUESTED

TESTING PERIOD: 26/11/2024 - 13/12/2024

As requested by client, SVHC screening is performed according to:

- Two hundred and forty-two (242) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) on and before Nov 7, 2024 regarding Regulation (EC) No 1907/2006 concerning the REACH.

Summary:

According to the specified scope and analytical techniques, concentrations of tested SVHC are < 0.1% (w/w) in the submitted sample. **PASS**

Page - 1 of 15

SGS

SGS

TEST REPORT

Report No.: **PN-TR-1656020184** ISSUE DATE: **16/12/2024**

EPACK PETROCHEM SOLUTIONS PRIVATE LIMITED
PLOT NO. D-3627/1, GIDC INDUSTRIAL ESTATE, TAL. VAGRA, DAHEJ-III, BHARUCHA OUTRAGE, 392130, INDIA.

CONTACT PERSON : MR AMIT CHAUDHARI

THE FOLLOWING SAMPLE(S) WASHWERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS :

SAMPLE DESCRIPTION
SEM
COUNTRY OF ORIGIN
DATE OF SAMPLE REGISTRATION
TEST(S) REQUESTED

TESTING PERIOD: 26/11/2024 - 13/12/2024

As requested by client, SVHC screening is performed according to:

- Two hundred and forty-two (242) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) on and before Nov 7, 2024 regarding Regulation (EC) No 1907/2006 concerning the REACH.

Summary:

According to the specified scope and analytical techniques, concentrations of tested SVHC are < 0.1% (w/w) in the submitted sample. **PASS**

Page - 1 of 15

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B Lands Consulting

REACH COMPLIANCE IN EU-27

www.reach-compliance.eu

REACH TONNAGE COVERAGE CERTIFICATE

Reference Number : **811117 - 5**

In compliance with Regulation (EC) N° 1907/2006, of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH),

The non-EU entity **EQUATE Petrochemical Company**, having its principal place of business at : **P.O. 9717, Ahmad-Bilalpur, Kargil, 191009, Jammu & Kashmir**, having its principal place of business at : **World Trade Center, 5 Place Robert Schuman, BP15116 - 38025 Grenoble - France**, to act as its Only Representative under REACH [Article 8],

B-Lands Consulting has completed the REACH Registration process, for the following chemical substances :

IN DEX	REACH Registration Number	Submission Number	CAS Number	Substance Name	EC Number	C H R S 1 2 3	Tonnage Band
1	01-2119457861-02-0081	LJ969490-26	100-42-5	Styrene	202-861-6		1000+ T/y

This substance is manufactured by **EQUATE Petrochemical Company**, sold via Epack Petrochem Solutions Private Limite, to non-EU entity Tricon Energy India Pvt Ltd, to EU entity.

The relevant purchasing tonnages (2025 : 1455 - 1500 MT) are covered by the registered tonnage.

B Lands Consulting - World Trade Center, 5 Place Robert Schuman BP15116 - 38025 Grenoble - France
Phone : +33 (0) 476 295 869 - Fax : +33 (0) 476 295 870 - Email : europe@reach-compliance.eu

Serving the industry

B Lands Consulting

Certificates



SGS TEST REPORT

U/LR: TC50024000190797 Report No.: PN-EE-1654020183 ISSUE DATE: 21/11/2024

EPACK PETROCHEM SOLUTIONS PRIVATE LIMITED
PLOT NO. D-3/27/1, GIOC INDUSTRIAL ESTATE, TAL. VAGRA, DAHEJ - II, BHARUCH GUJARAT-392130, INDIA

CONTACT PERSON : MR AMT CHAUHAN

THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS:

DISCIPLINE	GROUP	SAMPLE DESCRIPTION	OEI	COUNTRY OF ORIGIN	DATE OF SAMPLE REGISTRATION	TESTING PERIOD	TEST(S) REQUESTED
Chemical	Heavy Metals & Restricted Chemicals	F-121 221 221 422 522 624	OTHERS	INDIA	21/11/2024	21/11/2024	ROHS 10E

Test requested: Selected test (s) as requested by the client.
Test method(s): Please refer to next page(s).
Test result(s): Please refer to next page(s).

Test Request	Conclusion
EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU - Lead, Mercury, Cadmium, Hexavalent chromium, Polychlorinated biphenyls (PCBs), Polychlorinated diphenyl ethers (PCDEs), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisodecyl phthalate (DIBP)	PASS

Conclusion: Based on the performed tests on selected part of submitted sample(s), the results of Cadmium, Lead, Mercury, Hexavalent chromium, Polychlorinated biphenyls (PCBs), Polychlorinated diphenyl ethers (PCDEs) and Phthalates such as Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisodecyl phthalate (DIBP) comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

Per Pro SGS India Private Ltd

SACHIN H. VISHUTE
Sr. Executive

Authorized Signatory
Email your Test Report Related Enquiries at feedback.india@sgs.com

Page 1 of 8

Control No. 159410000

Temporization Laboratory: G-16, 22011, Vagda Industrial, Tal. Vagda, Dist. Panch. Changan - 392001, JAMNAGAR, INDIA

SGS TEST REPORT

U/LR: TC50024000190797 Report No.: PN-TR-1654020183 ISSUE DATE: 16/11/2024

EPACK PETROCHEM SOLUTIONS PRIVATE LIMITED
PLOT NO. D-3/27/1, GIOC INDUSTRIAL ESTATE, TAL. VAGRA, DAHEJ - II, BHARUCH, GUJARAT-392130, INDIA

CONTACT PERSON : MR AMT CHAUHAN

THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS:

DISCIPLINE	GROUP	SAMPLE DESCRIPTION	OEI	COUNTRY OF ORIGIN	DATE OF SAMPLE REGISTRATION	TESTING PERIOD	TEST(S) REQUESTED
Chemical	Heavy Metals & Restricted Chemicals	E-121 221 221 422 522 624	OTHERS	INDIA	21/11/2024	16/11/2024	ROHS 10E

Test requested: Selected test (s) as requested by the client.
Test method(s): Please refer to next page(s).
Test result(s): Please refer to next page(s).

Test Request	Conclusion
EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU - Lead, Mercury, Cadmium, Hexavalent chromium, Polychlorinated biphenyls (PCBs), Polychlorinated diphenyl ethers (PCDEs) and Phthalates such as Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisodecyl phthalate (DIBP)	PASS

Conclusion: Based on the performed tests on selected part of submitted sample(s), the results of Cadmium, Lead, Mercury, Hexavalent chromium, Polychlorinated biphenyls (PCBs), Polychlorinated diphenyl ethers (PCDEs) and Phthalates such as Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisodecyl phthalate (DIBP) comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

Per Pro SGS India Private Ltd

SACHIN H. VISHUTE
Sr. Executive

Authorized Signatory
Email your Test Report Related Enquiries at feedback.india@sgs.com

Page 1 of 8

Control No. 159410000

Temporization Laboratory: G-16, 22011, Vagda Industrial, Tal. Vagda, Dist. Panch. Changan - 392001, JAMNAGAR, INDIA

Thermal Conductivity
& Food Grade

ATMY ANALYTICAL LABS PVT. LTD.
(NABL ISO 17025 Accredited Laboratory)
130, SLP Industrial Area, Phase-1, Fardesh (Purwani) INDIA
Phone: +91-8282825000 Email: info@atmylabs.com, www.atmylabs.com

TEST REPORT

U/LR: TC05282500000405F Report No.: 2509060034

Page 1 of 3

Date: 11-09-2025

Issued To: M/s EPACK PETROCHEM SOLUTIONS PVT. LTD.
PLOT NO. D-3/27/1, GIOC INDUSTRIAL ESTATE, TAL. VAGRA, DAHEJ-II, BHARUCH, GUJARAT, 392130

Sample Description: 1: SIZE 100 X 100 MM
Client Reference No.: 2526/25010238
Sample Received Date: 08-09-2025
Sample Drawn By: Client
Specification: -
Test Requested: THERMAL CONDUCTIVITY, Food Grade
Test Method: Refer to Attached Pages.
Test Results: Refer to Attached Pages.

SAMPLE PICTURE

Barcode

ISO 9001 : 2015, ISO 14001 : 2015 & GHAS 16001 : 2007 Certified Laboratory
1. Sample will not be returned more than one month for chemical and three month for mechanical unless specified otherwise. 2. Sample analysis will be performed in accordance with the test methods specified in the standard. 3. The laboratory will not be held responsible for sample deterioration during testing, unless instructed otherwise. 4. The statement of conformity furnished herewith is based on decision on ATMY LABS & LIMS of our laboratory's. 5. Non-Compliance: This report should be re-examined in writing, within 7 days of issue of this report. 6. The result shall only refer to the tested sample and applicable parameters as described by customer. Extension of product is neither intended nor implied. 7. Test facilities of our laboratory is limited to the tested product only. 8. This report cannot be used as and without the consent of the laboratory. 9. Test facilities of our laboratory is limited to the tested product only. 8. This report cannot be used as and without the consent of the laboratory.

ATMY ANALYTICAL LABS PVT. LTD.
(NABL ISO 17025 Accredited Laboratory)
130, SLP Industrial Area, Phase-1, Fardesh (Purwani) INDIA
Phone: +91-8282825000 Email: info@atmylabs.com, www.atmylabs.com

TEST REPORT

U/LR: TC05282500000405F Report No.: 2509060034

Page 1 of 3

Date: 11-09-2025

Issued To: M/s EPACK PETROCHEM SOLUTIONS PVT. LTD.
PLOT NO. D-3/27/1, GIOC INDUSTRIAL ESTATE, TAL. VAGRA, DAHEJ-II, BHARUCH, GUJARAT, 392130

Sample Description: 1: SIZE 100 X 100 MM
Client Reference No.: 2526/25010238
Sample Received Date: 08-09-2025
Sample Drawn By: Client
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Test Requested: THERMAL CONDUCTIVITY, Food Grade
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ISO 9001 : 2015, ISO 14001 : 2015 & GHAS 16001 : 2007 Certified Laboratory
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IGNITO FIRE TESTING LAB
TEST REPORT

Formal No.: IGNITFIR-GEN
Date of Issue: 26/09/2025
Page No.: 1 of 6

Test Report Issue To: EPACK PETROCHEM SOLUTIONS PRIVATE LIMITED
PLOT NO. D-3/27/1, GIOC INDUSTRIAL ESTATE, TAL. VAGRA, DAHEJ - II, BHARUCH, GUJARAT, 392130.

Test Report No.: 125096002-3
Date of Issue: 26/09/2025
Sample Booking/Receipt: 06/09/2025
Date of Start of Testing: 08/09/2025
Date of Completion of Test: 09/09/2025

Customer Relationship Number: A1120925

Sample Description: EPS FR/LAME (RETARDANT) GRADE

Kind Attention: Mr. Amit Chauhan
E-Mail: amit Chauhan@epack.in
Contact No: 6358013153

Customer Reference Number: PO No. 2526 / 25010271, dated. 03.09.2025.

Sample Drawn By : Test Sponsor

Barcode

IGNITO Labs Private Limited

IGNITO Labs Private Limited
GFP 402, Sindhu Indus Estate, Gandhinagar, Gandhinagar, Hyderabad - 500015
Call: +91-8282825000 Email: info@ignitolabs.com, www.ignitolabs.com





EPACK Petrochem Solutions Pvt. Ltd.

- 📍 D-3/27/1, Dahej-3, GIDC Industrial Estate, Taluk Vagra,
Dist. Bharuch, Gujarat - 392130
- 👤 +91 9211300964 (GCC, Africa),
+91 9211300963 (Europe, North & South America, Australia)
- ✉️ sales@epackpetrochem.com / sales1@epack.in
- 🌐 www.epackpetrochem.com

Our Presence:

- 📍 Shanghai (China)
- 📍 Dubai (UAE)
- 📍 Budapest (Hungary)