



www.epackpetrochem.com

Product Catalogue 2025

EPS - RESIN

EPACK PETROCHEM SOLUTIONS



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

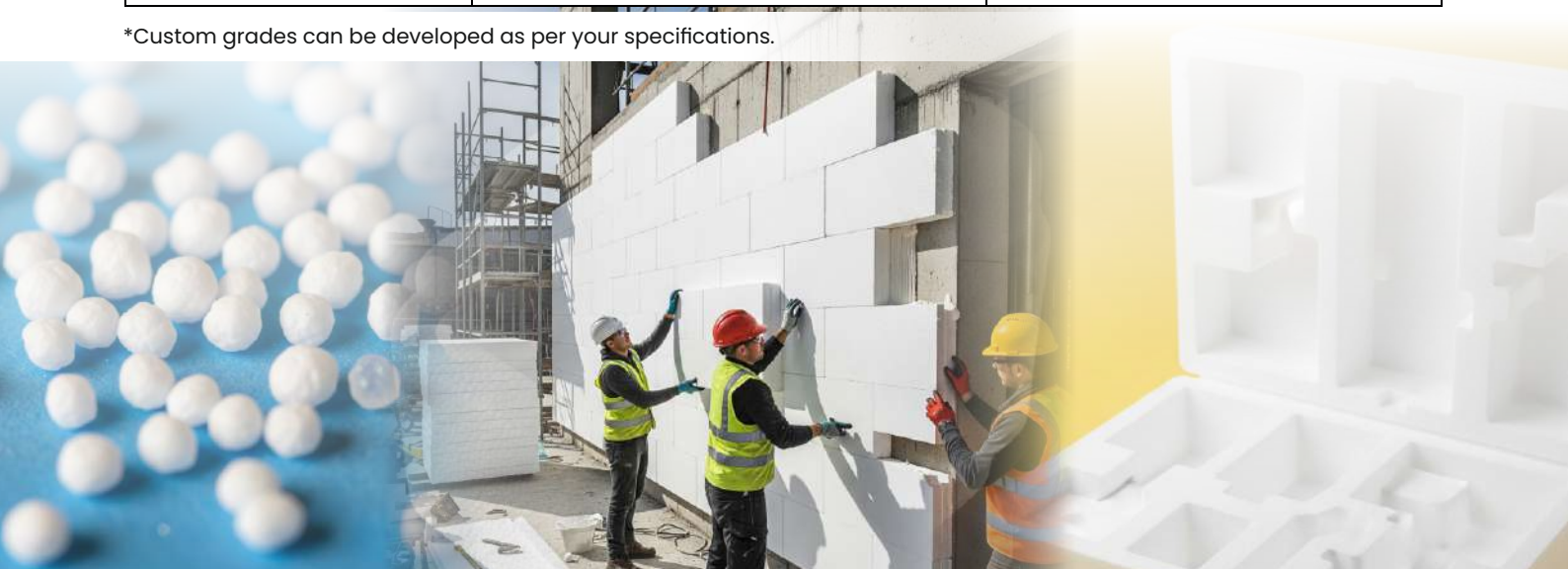
*Custom grades can be developed as per your specifications.

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

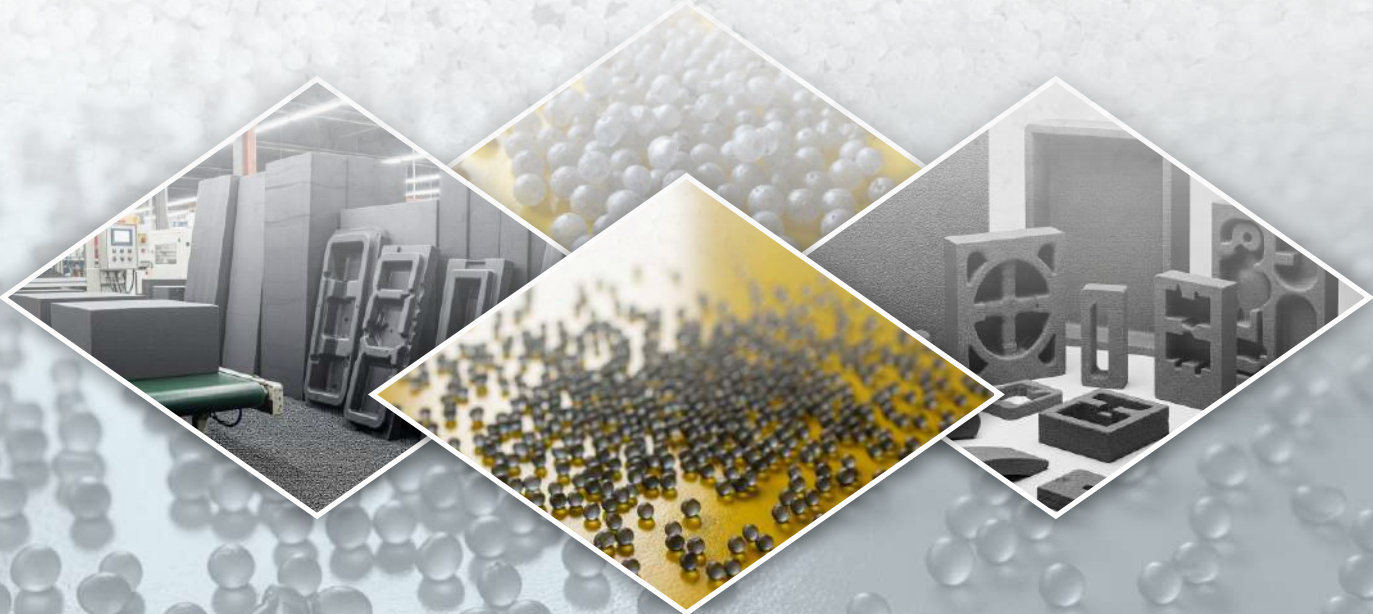
*Custom grades can be developed as per your specifications.

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

Recycled EPS



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



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

Certificates



Certificates



Report No.: **EPN161600010**

Issue Date: **21/11/2024**

EPACK PETROCHEM SOLUTIONS PRIVATE LIMITED
125/145, D-3/27/1, GDC INDUSTRIAL ESTATE, TAL. VAGDA, DISTRICT - 39, BHARUCH, GUJARAT, INDIA

CONTACT PERSON : SR. ASST. CHAUNDR

THE FOLLOWING SAMPLES WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS:

GROUP	Chemical
SAMPLE DESCRIPTION	Hexachloro-Bisphenol A Polycarbonate (HCBAPC)
CLIENT	P. 125/145, D-3/27/1, GDC INDUSTRIAL ESTATE, BHARUCH
COUNTRY OF ORIGIN	INDIA
DATE OF SAMPLE REGISTRATION	21/11/2024
TESTS REQUESTED	RoHS

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

Test Request	Conclusion
EU RoHS Directive (EU) 2011/65/EC amending Annex I to Directive 2002/95/EC "Lead, Mercury, Cadmium, Hexachlorobiphenyls (HCB), Polychlorinated biphenyls (PCB), Polycyclic aromatic hydrocarbons (PAH), Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE) and Phthalates such as Bis(2-ethylhexyl) phthalate (DEHP), Bis(2-benzyl) phthalate (DBP), Dibutyl phthalate (DBP) and Diethyl phthalate (DEP)"	Pass

CONCLUSION: Based on the performed tests of submitted samples, the results of Cadmium, Lead, Mercury, Hexachlorobiphenyls, Polychlorinated biphenyls (PCB), Polycyclic aromatic hydrocarbons (PAH), Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE) and Phthalates such as Bis(2-ethylhexyl) phthalate (DEHP), Bis(2-benzyl) phthalate (DBP), Dibutyl phthalate (DBP) and Diethyl phthalate (DEP) comply with the limits as set by EU RoHS Directive (EU) 2011/65/EC amending Annex I to Directive 2002/95/EC.

Per Pro SGS India Private Ltd

SACHIN N. JAIN
S. Executive

Authorized Signatory
Email: sachin.jain@sgs.com

Report No.: **EPN161600010**

Issue Date: **21/11/2024**

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125/145, D-3/27/1, GDC INDUSTRIAL ESTATE, TAL. VAGDA, DISTRICT - 39, BHARUCH, GUJARAT, INDIA

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CONCLUSION: Based on the performed tests of submitted samples, the results of Cadmium, Lead, Mercury, Hexachlorobiphenyls, Polychlorinated biphenyls (PCB), Polycyclic aromatic hydrocarbons (PAH), Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE) and Phthalates such as Bis(2-ethylhexyl) phthalate (DEHP), Bis(2-benzyl) phthalate (DBP), Dibutyl phthalate (DBP) and Diethyl phthalate (DEP) comply with the limits as set by EU RoHS Directive (EU) 2011/65/EC amending Annex I to Directive 2002/95/EC.

Per Pro SGS India Private Ltd

SACHIN N. JAIN
S. Executive

Authorized Signatory
Email: sachin.jain@sgs.com



Report No.: **2581990079**

Date: **20-01-2025**

ATMY ANALYTICAL LABS PVT. LTD.
PLOT NO. D-3/27/1, GDC INDUSTRIAL ESTATE, TAL. VAGDA, DISTRICT - 39, BHARUCH, GUJARAT, INDIA

Sample Description: P-125/145, D-3/27/1, GDC INDUSTRIAL ESTATE, TAL. VAGDA, DISTRICT - 39, BHARUCH, GUJARAT, INDIA

Sample Received Date: 09-01-2025

Sample Drawn By: Client

Specification: RoHS Screening

Test Requested: Refer to Attached Pages

Test Method: Refer to Attached Pages

SAMPLE PICTURE

TEST RESULT

RoHS Screening

Result: Pass

ATMY ANALYTICAL LABS PVT. LTD.

ISO 9001:2015, ISO 14001:2015 & OHSAS 18001:2007 Certified Laboratory

Report No.: **2581990079**

Date: **20-01-2025**

ATMY ANALYTICAL LABS PVT. LTD.
PLOT NO. D-3/27/1, GDC INDUSTRIAL ESTATE, TAL. VAGDA, DISTRICT - 39, BHARUCH, GUJARAT, INDIA

Sample Description: P-125/145, D-3/27/1, GDC INDUSTRIAL ESTATE, TAL. VAGDA, DISTRICT - 39, BHARUCH, GUJARAT, INDIA

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Test Requested: Refer to Attached Pages

Test Method: Refer to Attached Pages

SAMPLE PICTURE

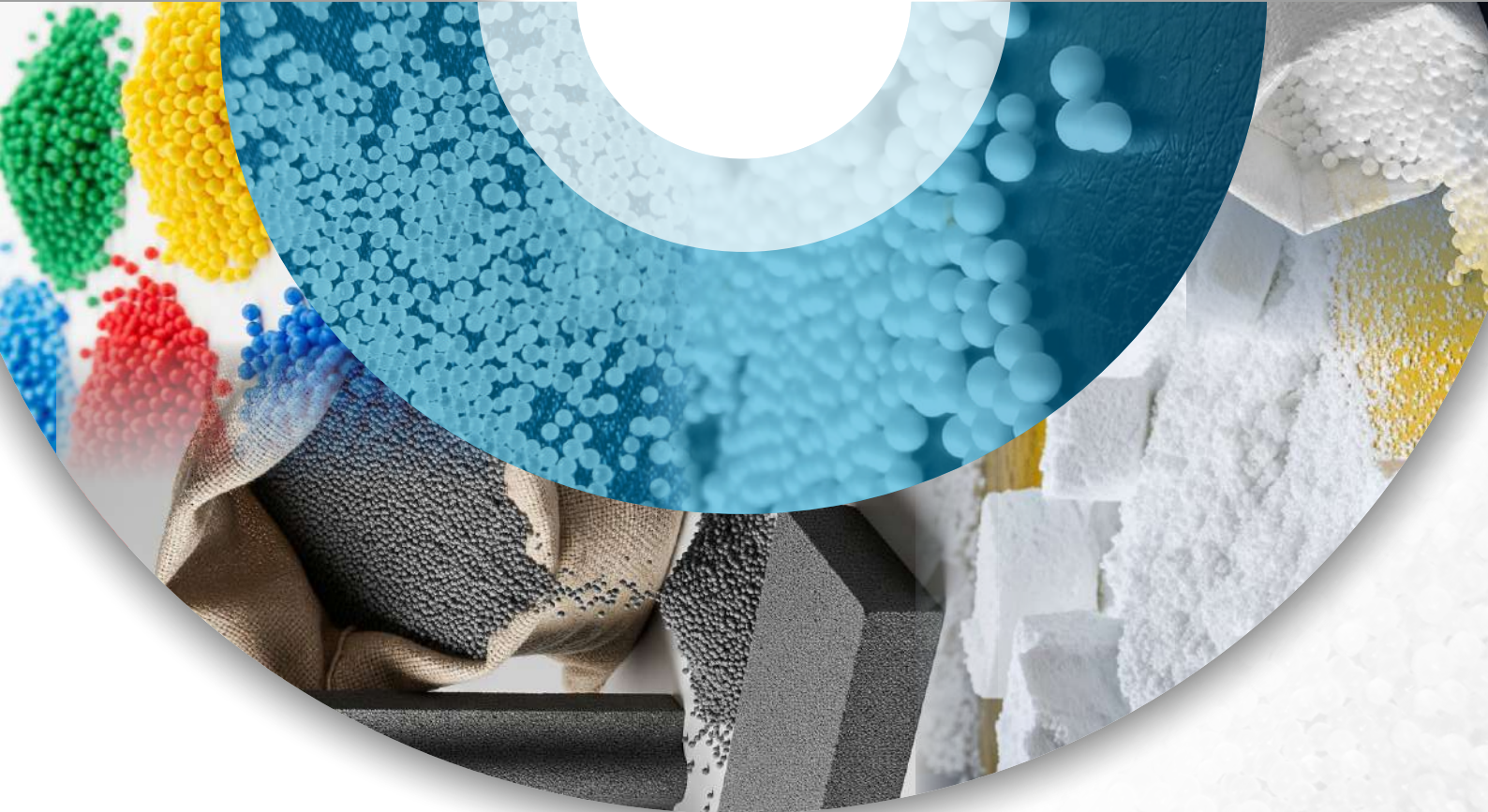
TEST RESULT

RoHS Screening

Result: Pass

ATMY ANALYTICAL LABS PVT. LTD.

ISO 9001:2015, ISO 14001:2015 & OHSAS 18001:2007 Certified Laboratory



EPACK Petrochem Solutions Pvt. Ltd.

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