



Highest Quality PET Resin For Bottle And Packaging Application



PT Petnesia Resindo (PNR)

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MITSUI PET®
Trade name of PNR Products



ABOUT PT PETNESIA RESINDO

PT Petnesia Resindo (PNR) is a company engaged in the production and sales of high quality Polyethylene Terephthalate (PET) Resin. Generally supplied as plastic chip, PET is the raw material for the manufacture of plastic bottles and packaging that are safe for foods and beverages (food grade).

PNR was established in Tangerang, Indonesia in December 1994, with operations commencing in January 1996. PNR is currently a venture capital company with the following companies as its shareholders:

Shareholders	Equity Ratio
Mitsui Chemical Inc.	47.07%
Toray Industries Inc.	46.53%
PT Indonesia Toray Synthetics	0.54%
Mitsui & Co. Ltd.	5.86%

VISION & MISSION

VISION

A stable and durable company with a strong competitive position in the global market.

MISSION

To contribute broadly to society by providing high-quality products and services to customers through a process of innovation and creativity, while keeping in harmony with the global environment.

- Promote happiness and fulfillment among employees while safeguarding their safety and health.
- Contribute to local communities in an environment friendly manner.
- Increase customer satisfaction by maintaining the highest standard of quality.
- Contribute to the value of shareholders' investments.





**"ALL TYPES OF BOTTLES
MANUFACTURED USING MITSUI PET
AS THEIR RAW MATERIAL HAVE
EXCELLENT CLARITY, EXCELLENT
MECHANICAL STRENGTH AND ARE
ODORLESS"**

PRODUCTS

Supported by Mitsui Chemicals Inc (MCI), PT Petnesia Resindo has become known as world class player in the production of high quality PET resin. PNR currently produces two types of PET resin in the form of high quality chip, namely Mitsui PET SA135 and Mitsui PET SA145. PET resin is obtained through a polycondensation reaction between Purified Terephthalic Acid (PTA) and Ethylene Glycol (EG). PET resin contains carbon, hydrogen and oxygen, and is therefore a clean resin that is safe for a wide variety of uses. Bottles and other products made from PET have excellent clarity, high mechanical strength and are odorless. PET is also environment friendly because it does not generate noxious gasses when combusted.

	SA135	SA145		
	Typical Values	Typical Values	Unit	Method
Intrinsic Viscosity	0.82	0.86	dl/g	PNR
b Value	Max 0.5	Max 0.5		
Acetaldehyde	2 or less	2 or less	ppm	PNR
	1 or less	1 or less	ppm	Celanese





FACTORY AND PRODUCTION CAPACITY

Our factory is located on an area of 3 Ha at JL. Mohammad Toha Km 1, Tangerang - Indonesia. The factory has a total production capacity of 80,000 metric tons and has a laboratory equipped with cutting edge technology for a strict analysis, measurement and quality control system.



OUR STRENGTHS

Technological support from MCI and Toray Industries

We own machines and technology that have been adapted by manufacturing giants Mitsui Chemicals Inc., and Toray Industries Inc. Our products are known among consumers as products with the same high quality standard as MCI products, which has been fulfilling the worldwide demand for PET resin since 1982. MCI and Toray Industries themselves are known for their state-of-the-art factories and their sophisticated and patented technologies.

Own generating plants in order to maintain a stable electricity supply

In order to consistently maintain stable production levels, we operate our own electricity generating plant, which is located in the Toray Industries industrial area.

Stability in Quantity and Quality

Besides being supported by our own power plant, stability in the supply of our raw material is also possible due to the support of an raw materials supply from MCI Japan and Toray group, so that consistent stability in raw material quality is maintained.





HUMAN RESOURCES

Continuous Training

PNR is supported by experienced experts, however in order to further enhance the capabilities of our employees, we regularly conduct training in various fields. PNR sends staff for training and exchange of knowledge to MCI regional centres and to MCI headquarters in Japan each year. In addition, we invite or engage employees to participate in training programs and seminars conducted by local speakers in various fields, including finance, marketing, leadership, human resources development, and others.

QUALITY CONTROL

PNR strives to always maintain the highest product quality. In addition to the production sample testing conducted in our laboratory using state-of-the-art technology, we also implement a standardized work quality management system that has been proven safe for the environment and for which we have attained international and national certification as follows:

- ISO 9001
- ISO 14001
- QSAS 18001
- Halal Certificates
- FDA Approval
- RoHS

ENVIRONMENTAL CONCERNS

Zero Complaints

As part of our concerns for the environment, we have appointed a competent third party company certified to process waste. Internally, we also check the wastewater to back up the waste control company. With our strictly controlled waste management system, up to now we have had zero complaints regarding the handling of waste materials.

HIGH STANDARDS OF WORKPLACE SAFETY

PNR is very concerned about maintaining a high standard of safety in the workplace. Each job has a Standard Operating Procedures (SOP) and employees are equipped with Personal Protective Equipment (PPE). Our factory is also fitted with a fire protection system. For safe and timely deliveries to clients, our product delivery system incorporates strict rules that includes only permitting vehicles that meet strict standards of strength and age limit to deliver our products. We also place a limit on vehicle payloads, and vehicles must be odor-free and have insurance to ensure that clients always receive the product ordered safely and on time.





PRIME AFTER SALES SERVICE

As part of our attention to customers, PNR makes every effort to provide the best possible after sales service. We have a dedicated team to handle the after sales needs of our clients, such as by providing PET resin product knowledge training, and correct production process training to help solve any difficulties clients may have in relation to the production process. Our team is ready to be contacted at any time to help with any problems that may be faced by the client.

TARGET MARKET

Our products are sold both on the domestic market and overseas.

"WE VIEW AFTER SALES SERVICE
AS HIGHLY IMPORTANT,
THEREFORE WE HAVE A DEDICATED
TEAM TO HELP PROVIDE TRAINING
AND SOLUTIONS TO CLIENTS'
PROBLEMS"

