

N-Phenylmaleimide(N-PMI) (CAS 941-69-5) Market Research Report 2025

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Abstracts

N-Phenylmaleimide(N-PMI) (CAS 941-69-5) Market Research Report 2025 presents comprehensive data on N-Phenylmaleimide(N-PMI) markets globally and regionally (Europe, Asia, North America etc.)

The report includes N-Phenylmaleimide(N-PMI) description, covers its application areas and related patterns. It overviews N-Phenylmaleimide(N-PMI) market, names N-Phenylmaleimide(N-PMI) producers and indicates its suppliers.

Besides, the report provides N-Phenylmaleimide(N-PMI) prices in regional markets.

In addition to the above the report determines N-Phenylmaleimide(N-PMI) consumers in the market.

BAC Reports offers its clients in-depth market research of chemical industry products on the global and regional markets (North & Latin America, Asia Pacific, European Union, Russia and CIS).

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market price trends

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market forecast.

N-Phenylmaleimide(N-PMI) (CAS 941-69-5) Market Research Report 2025 can feature:

market condition and estimations, market forecast

chemical product ranges, trademarks, analogous products, application areas

regional and global producers, consumers and traders (including contact details).

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About

Product Name:	N-Phenylmaleimide(N-PMI)
Synonyms:	1-Phenyl-1H-pyrrole-2,5-dione
	Imilex P
	Maleanil
	Maleimidobenzene
	N-Phenylmaleic acid imide
	N-Phenylmaleic imide
	N-Phonylmaleimide
	N-Phenylmaleimide
	N- Phenyl maleimide
	Maleic acid N-phenylimide
CAS#:	941-69-5
Formula:	$C_{10}H_7NO_2$
Molecular Weight:	173.17
Appearance:	Yellow needles.
Usage:	Dienophile in the diels-alder reaction.

N-Phenylmaleimides are light yellow crystalline needle-like crystals. N-Phenylmaleimide is an imide with the molecular formula $C_{10}H_7NO_2$. It contains the divalent radical "-C(=O)NHC(=O)-". The imide is hardly soluble in water and petroleum ether, and is soluble in acetone and ethyl benzene.

N-Phenylmaleimide, as any imide, is produced from ammonia or primary amine by replacing a bivalent acid group or two monovalent acid groups.

Used as a plastic modifier, N-Phenylmaleimide can improve heat-resistant, anti-oxidant and anti-foulant properties of ABS, PVC, PVA and other engineering plastics. It is also used as an intermediate for the synthesis of cross-linking agents, pharmaceuticals, pesticides, antiseptics and crystalline adducting agents.

N-Phenylmaleimide is potentially hazardous to humans, as it can cause irritation to eyes, skin, gastrointestinal tract, mucous membranes and upper respiratory tract; it also causes nausea.

N-Phenylmaleimide is covered in the study N-phenylmaleimide(N-PMI) (CAS 941-69-5) Market Research Report 2013. The report encompasses proper description of the product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks N-phenylmaleimide market situation, names manufacturers, suppliers as well as users. The report also provides current N-phenylmaleimide prices in the market.

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