

N-Phenyl-2-Naphthylamine



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PRODUCT OF THE UKRAINE

DETAILS

CAS 135-88-6 (Chemical Abstract Registry Number)

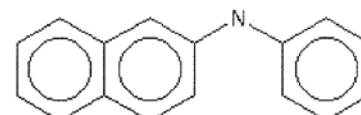
EC-Number 612-135-00-8

Chemical Name N-Phenyl-2-Naphthylamine

Synonyms N-Phenyl-beta-naphthylamine, N-Phenyl-2-Naphthalenamine, Phenyl-beta-naphthylamine, anilinonaphthalene, 2-anilinonaphthalene, N-(2-naphthyl)aniline, 2-naphthylphenylamine, beta-naphthylphenylamine, 2-phenylaminonaphthalene, phenyl-2-naphthylamine, N-(2-naphthyl)-N-phenylamine, N-beta-naphthyl-N-phenylamine, PBNA

Empirical Formula C₁₆H₁₃N

Structure



INFORMATION

Uses This compound is used as an antioxidant in rubber processing and to provide oxidation and flex-cracking resistance in natural rubber, synthetic rubbers and latexes. It is used as a stabiliser in electrical-insulating silicon enamels and as an antioxidant in other polymers, greases, lubricating oils and transformer oils. This compound is an effective heat and light stabiliser, vulcanisation accelerator, catalyst and polymerisation inhibitor. It is used as a component of rocket fuels, surgical plasters and tin electroplating paths. This compound is used as a chemical intermediate and as an inhibitor for butadiene. It is also used in the production of seven dyes.

Appearance & Colour Cray or biscuit fine-grain powder or scales

Packing Multi-layer paper bags

SPECIFICATION

Specification	
Melting point of dried product, °C, no less	104,5
Mass content of 2-Naphthol, %, not more	0,45
Mass content of volatile substances, %, not more	0,2
Mass content of Ashes after calcinations, %, not more	0,3
Mass content of Aniline, %, not more	Absent
Mass content of the rest after boiling at the sieve #0,14K, %, not more	0,18

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