

PENTANE

PENTANE

 **Product description**

Name: PENTANE

CAS-Number: 109-66-0

Application: C-dopant for MOCVD

Element: C

PENTANE

PENTANE

Physical Properties

Vapor pressure equat.:	$\ln(p(\text{Torr})) = 15.83 - 2477.08 / (T(\text{K}) - 39.94)$
Density:	0.63 g/cm ³
Molweight:	72.15 g/mol
Melting point:	-130°C / -202°F
Boiling point:	36 °C / 97 °F
Sublimation point:	

Chemical Properties

Stability:	Stable under normal conditions
State of matter:	Liquid

Safety & Transport

Toxicity:	Slightly toxic
Thermal decomposition:	
ADR/RID-class:	3
UN-no:	1265
IMDG-class:	3
UN-no:	1265
ICAO/IATA-class:	3
UN-no:	1265 - AIRFREIGHT ALLOWED

For further details please refer to Safety Data Sheet (SDS)

Packaging & Standard Filling Volumes

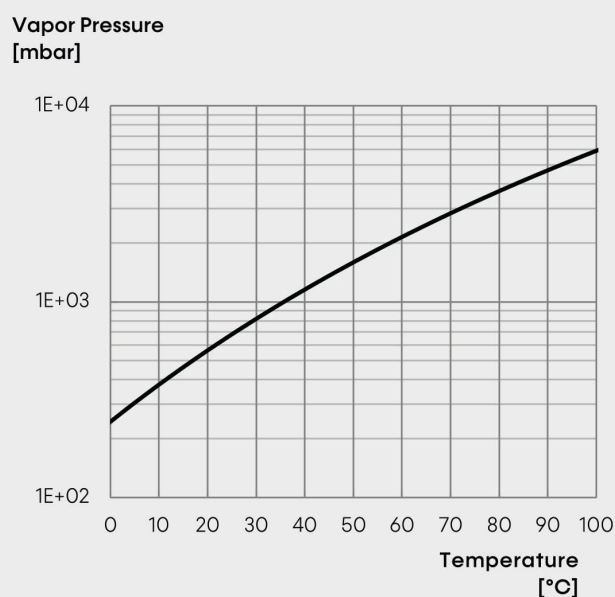
Pentane.230.DOCK/10.400	230g / 400ccm cyl.
Pentane.560.DOCK/10.1000	560g / 1000ccm cyl.
Pentane.1750.DOCK/10.3000	1750g / 3000ccm cyl.
Pentane.2200.DOCK/10.3950	2200g / 3950ccm cyl.
Pentane.4500.DOCK/10.8000	4500g / 8000ccm cyl.

Quality Standards

EG Electronic Grade

TG Technical Grade

Vapor Pressure Curve



Application

C-dopant for MOCVD



Dockweiler Chemicals GmbH
Emil-von-Behring-Strasse 76
Goerzhaeuser Hof M217
35041 Marburg, Germany

T +49 (0)6421 39-6380
F +49 (0)6421 39-6381
info@dockchemicals.com

[dockchemicals.com](https://www.dockchemicals.com)