

PENTANE

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Physical Properties

Vapor pressure equat.:	$\ln(p(\text{Torr})) = 15.83 - 2477.08 / (T(K) - 39.94)$
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 recommended storage conditions
State of matter:	Liquid

Safety & Transport

Toxicity:	Slightly toxic
Thermal decomposition:	
ADR/RID-class:	3
UN-no:	1265, PG II
IMDG-class:	3
UN-no:	1265, PG II
ICAO/IATA-class:	3
UN-no:	1265, PG II – 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.

Product Description

Name:	PENTANE
CAS-Number:	109-66-0
Element:	C
Molecular Formula:	C ₅ H ₁₂

Quality Standards

EG Electronic Grade
TG Technical Grade

Application

C-dopant for MOCVD

Vapor Pressure

Vapor Pressure
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