

(EtCp)₂Ru

BIS(ETHYLCYCLOPENTADIENYL)RUTHENIUM

Physical Properties

Vapor pressure equat.:	$\log(p(\text{Torr})) = 9.75 - 3708/T(K)$ for $T = 50-150\text{ }^{\circ}\text{C}$
Density:	1.34 g/cm ³
Molweight:	287.22 g/mol
Melting point:	6 °C
Boiling point:	100 °C / 212 °F
Sublimation point:	

Chemical Properties

Stability:	Stable under recommended storage conditions
State of matter:	Liquid

Safety & Transport

Toxicity:	Skin/eye irritation, May cause respiratory irritation
Thermal decomposition:	
ADR/RID-class:	no dangerous good
UN-no:	no dangerous good
IMDG-class:	no dangerous good
UN-no:	no dangerous good
ICAO/IATA-class:	no dangerous good
UN-no:	no dangerous good – AIRFREIGHT ALLOWED

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

Packaging & Standard Filling Volumes

Ru(EtCp) ₂ 2.50.DOCK/10.150	50g / 150ccm cyl.
Ru(EtCp) ₂ 2.100.DOCK/10.150	100g / 150ccm cyl.
Ru(EtCp) ₂ 2.200.DOCK/10.400	200g / 400ccm cyl.
Ru(EtCp) ₂ 2.400.DOCK/10.600	400g / 600ccm cyl.
Ru(EtCp) ₂ 2.750.DOCK/10.1000	750g / 1000ccm cyl.

Product Description

Name:	BIS(ETHYLCYCLOPENTADIENYL)RUTHENIUM
CAS-Number:	32992-96-4
Element:	Ru
Molecular Formula:	C ₁₀ H ₁₀ Ru

Quality Standards

EG Electronic Grade

Application

III/V MOCVD dopant – semi insulating InP

Vapor Pressure

Vapor Pressure [mbar]

