

Cp₃Sc

TRIS(CYCLOPENTADIENYL)SCANDIUM

Physical Properties

Vapor pressure equat.:	$\log(p(\text{mbar})) = 10.9 - (5317/T(\text{K}))$ for T = 150-250 °C
Density:	n.a
Molweight:	240.24 g/mol
Melting point:	240 °C / 464 °F
Boiling point:	>400 °C (decomposition)
Sublimation point:	

Chemical Properties

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

Safety & Transport

Toxicity:	Flammable Solid
Thermal decomposition:	
ADR/RID-class:	4.3
UN-no:	3395
IMDG-class:	4.3
UN-no:	3395
ICAO/IATA-class:	4.3
UN-no:	3395 – AIR FREIGHT ALLOWED

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

Packaging & Standard Filling Volumes

Cp3Sc.50.DOCK/10.150	50g / 150ccm cyl.
Cp3Sc.75.DOCK/10.150	75g / 150ccm cyl.
Cp3Sc.200.DOCK/10.400	250g / 400ccm cyl.

Product Description

Name:	TRIS(CYCLOPENTADIENYL)SCANDIUM
CAS-Number:	1298-54-0
Element:	Sc
Molecular Formula:	C ₁₅ H ₁₅ Sc

Quality Standards

DG Development Grade
EG Electronic Grade

Application

Vapor Pressure

Vapor Pressure
[mbar]

