

'DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Scandium precursor for CVD and ALD processes

MP: 120-140 °C/248-284 °F

'(DIPA)3Sc - TRIS(N,N-DIISOPROPYLACETAMIDINATE)SCANDIUM

'MO-CVD

PRODUCT DATASHEET

'(DIPA)3Sc - TRIS(N,N-DIISOPROPYLACETAMIDINATE)SCANDIUM

IDENTIFICATION

CAS-No:	not registered
EC-No:	not registered
Other name:	-

'MO-CVD

PHYSICAL PROPERTIES

Vapor pressure:	50 mTorr at 125 °C
Density:	n.a
Molweight:	468.67 g/mol
Melting point:	120-140 °C/248-284 °F
Boiling point:	>250 °C (decomposition)

QUALITY STANDARDS

DG Development Grade

VAPOR PRESSURE CURVE

n.a.

CHEMICAL PROPERTIES

Stability:	Stable under inert gas
State of matter:	Solid

SAFETY & TRANSPORT

Toxicity:	n.a.
Explosion limit Vol%:	n.a.
Auto ignition temp. °C:	n.a.
ADR/RID	
ADR/RID-class:	4.3
UN-no:	3395
IMDG	
IMDG -class:	4.3
UN-no:	3395
ICAO/IATA	
ICAO/IATA-class:	4.3
UN-no:	3395 – AIR FREIGHT ALLOWED

APPLICATION

AlScN MOCVD, Sc-Oxides

PACKAGING & STANDARD FILLING VOLUMES

(DIPA)3Sc.50.DOCK/10.150	50g / 150ccm cyl.
(DIPA)3Sc.100.DOCK/10.150	100g / 150ccm cyl.
(DIPA)3Sc.250.DOCK/10.400	250g / 400ccm cyl.
(DIPA)3Sc.500.DOCK/10.600	500g / 600ccm cyl.

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PRODUCT DATASHEET

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