

'DOCK/ CHEMICALS

SEMICONDUCTORS DECISION

CBr₄

Standard Carbon doping source
for MOVPE

'MO-III/V

BP: 190 °C/374 °F/1013 hPa

'CBr₄-CARBONTETRABROMIDE

PRODUCT DATASHEET

‘CBr₄-CARBONTETRABROMIDE

IDENTIFICATION

CAS-No:	558-13-4
EC-No:	209-189-6
Other name:	-

‘MO-III/V

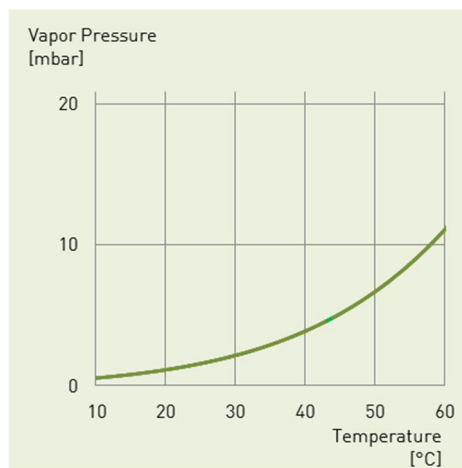
PHYSICAL PROPERTIES

Vapor pressure equat.:	$\lg p(\text{torr}) = 7.97 - 2347.7/T(\text{K})$
Density:	2.96 g/cm ³
Molweight:	332 g/mol
Melting point:	90 °C/194 °F
Boiling point:	190 °C/374 °F/1013 hPa

QUALITY STANDARDS

EG Electronic Grade

VAPOR PRESSURE CURVE



APPLICATION

III/V MOCVD
Dopant for III/V

CHEMICAL PROPERTIES

Stability:	Stable under inert gas
State of matter:	Solid

SAFETY & TRANSPORT

Toxicity:	Toxic by inhalation
Explosion limit Vol%:	n.a.
Auto ignition temp. °C:	n.a.
ADR/RID	
ADR/RID-class:	6.1
UN-no:	2516
IMDG	
IMDG class:	6.1
UN-no:	2516
ICAO/IATA	
ICAO/IATA-class:	6.1
UN-no:	2516 – AIR FREIGHT ALLOWED

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

PACKAGING & STANDARD FILLING VOLUMES

CBr₄.100.DOCK/10.150	100g / 150ccm cyl.
CBr₄.200.DOCK/10.150	200g / 150ccm cyl.
CBr₄.500.DOCK/10.400	500g / 400ccm cyl.
CBr₄.750.DOCK/10.600	750g / 600ccm cyl.
CBr₄.1200.DOCK/10.1000	1200g / 1000ccm cyl.

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PRODUCT DATASHEET

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