

BDEASi

BIS(DIETHYLAMINO)SILANE

Physical Properties

Vapor pressure equat.:	1.33 mbar at 20 °C / 40.0 mbar at 70 °C
Density:	0.81 g/cm ³
Molweight:	174.36 g/mol
Melting point:	-10 °C
Boiling point:	70 °C / 158 °F
Sublimation point:	

Chemical Properties

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

Safety & Transport

Toxicity:	Water-Reactive
Thermal decomposition:	
ADR/RID-class:	4.3(3)
UN-no:	3399, PG III
IMDG-class:	4.3(3)
UN-no:	3399
ICAO/IATA-class:	4.3(3)
UN-no:	3399 – AIRFREIGHT ALLOWED

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

Packaging & Standard Filling Volumes

BDEASi.100.DOCK/10.150	100g / 150ccm cyl.
BDEASi.290.DOCK/10.400	290g / 400ccm cyl.
BDEASi.425.DOCK/10.600	425g / 600ccm cyl.
BDEASi.725.DOCK/10.1000	725g / 1000ccm cyl
BDEASi.2100.DOCK/10.3000	2100g / 3000ccm cyl

Product Description

Name:	BIS(DIETHYLAMINO)SILANE
CAS-Number:	27804-64-4
Element:	Si
Molecular Formula:	C ₈ H ₂₂ N ₂ Si

Quality Standards

EG Electronic Grade

Application

ALD and CVD precursor

Vapor Pressure

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