

Bismuth fluoride BiF_3 structure



**ASSIGN
BUSTER**

Contents

- Safety:

Molecular

BiF₃

Formula

Average mass

265. 976

Da

Density

Boiling Point

Flash Point

Molar

Refractivity

Polarizability

Surface Tension

Molar Volume

- Experimental data
- Predicted - ACD/Labs
- Predicted - ChemAxon
- Experimental Physico-chemical Properties

- **Experimental Melting Point:**

727 °CAIfa Aesar

727 °CAIfa

Aesar11844, 13075

727 °CSynQuest56625,

27799, M083-2-03,

M083-2-X1

727

°COakwood[004113]

727

°CLabNetworkLN01313

191

- **Experimental Gravity:**

5. 32

g/mLSynQuestM083-2-

03, M083-2-X1

5. 32

g/mLOakwood[004113]

5. 32 g/mLFluorochem

5. 32

g/IFluorochem004113

- **Experimental Refraction Index:**

1. 74Alfa Aesar13075,
11844

- **Experimental Solubility:**

Practically insoluble in
water. Soluble in
HFAlfa Aesar13075

- Miscellaneous

- **Safety:**

26-37Alfa Aesar11844,
13075

36/38Alfa Aesar11844,
13075

CorrosiveSynQuest277
99, M083-2-X1, 56625,
M083-2-03

R20/21/22, R34,

R363/37/38SynQuest27

799, M083-2-X1,

56625, M083-2-03

R34,

R36/37/38SynQuest277

99, 56625

S22, S24/25, S26,

S36/37/39,

S45SynQuest27799,

56625

S3/7, S22, S24/25, S26,

S36/37/39,

S45SynQuest27799,

M083-2-X1, 56625,

M083-2-03

WARNING: CORROSIVE,

burns skin and eyesAlfa

Aesar11844, 13075

WARNING: CORROSIVE,

irritates skin and

eyesAlfa Aesar11844,

13075

Predicted data is generated using the ACD/Labs Percepta Platform -
PhysChem Module

<https://assignbuster.com/bismuth-fluoride-bif3-structure/>

Density:

Boiling Point:

Vapour Pressure:

Enthalpy of Vaporization:

Flash Point:

Index of Refraction:

Molar Refractivity:

#H bond acceptors: 0

#H bond donors: 0

#Freely Rotating Bonds: 0

#Rule of 5 Violations:

ACD/LogP:

ACD/LogD (pH 5. 5):

ACD/BCF (pH 5. 5):

ACD/KOC (pH 5. 5):

ACD/LogD (pH 7. 4):

ACD/BCF (pH 7. 4):

ACD/KOC (pH 7. 4):

Polar Surface Area: 0 \AA^2

Polarizability:

Surface Tension:

Molar Volume:

Click to predict properties on the Chemicalize site