

Technical Data Sheet

Biphenyl, Flake

Key Attributes

- High boiling point
- High chemical stability
- High flash point
- High solvency
- Low polarity
- Low reactivity

Product Description

Applications for biphenyl process fluid include process media or solvents in many industries, including chemicals and petrochemicals.

Typical Properties

Property	Test Method	Typical Value, Units
General		
Appearance		
Above 69°C (156°F)		Clear colorless liquid
Below 69°C (156°F)		White solid
Composition		Biphenyl
Molecular Weight (Average)		154
Density		
@ 25°C (77°F)		0.993 g/mL (8.27 lb/gal)
Flash Point	ASTM D92	113 °C (235 °F)
Water solubility		
@ 20°C (68°F)		Insoluble
Moisture Content		150 ppm, max
Autoignition Temperature	ASTM E659	540 °C (1004 °F)
Fire Point	ASTM D92	113 °C (235 °F)
Normal Boiling Point		255 °C (491 °F)
Vapor Pressure		
@ 166°C (330°F)		4.626 kPa (0.671 psia)

Comments

Values quoted are typical values obtained in the laboratory from production samples and are not guaranteed. Production materials may vary. Contact Eastman for current sales specifications.

Typical properties does not constitute an express warranty.

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