

Technical Data Sheet

MCS®-2808

Applications

- Chemicals & petrochemicals
- Intermediates
- Lubricants
- Oil or gas processing
- Polymer & plastic
- Process additives
- Process solvents

Key Attributes

- Aromatic blend
- High boiling point
- High chemical stability
- High flash point
- High melting point
- High solvency
- Low polarity
- Low reactivity

Product Description

MCS 2808 process fluid is a unique polyphenyl mixture. Applications for MCS 2808 include process media or solvents in many industries, including chemicals and petrochemicals industries. It is especially suitable for high temperature reaction due to its extremely low vapor pressure and chemically stable structure.

Typical Properties

Property	Test Method	Typical Value, Units
General		
Appearance		Amorphous yellowish white solid
Composition		Polyphenyl mixture
Molecular Weight (Average)		230
Flash Point	ASTM D92	191 °C (375 °F)
Water solubility @ 20°C (68°F)		negligible
Moisture Content		150 ppm, max
Autoignition Temperature	ASTM E659	540 °C (1004 °F)
Fire Point	ASTM D92	238 °C (460 °F)
Boiling Point		
@ 10%		364 °C (687 °F)
@ 90%		418 °C (784 °F)
Initial @ 14.7 psia		>300 °C (>572 °F)
Normal Boiling Point		364 °C (687 °F)
Vapor Pressure		
@ 93°C (200°F)		negligible
Melting Point/Range		135-145 °C (275-293 °F)

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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