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Data Sheet CEAD HDPE purge

Description

CEAD HDPE purge is a cost-effective nonabrasive purging compound designed especially for additive manufacturing printers that utilize pelletized feed materials. CEAD HDPE purge can be used over a wide temperature range.

Storage

Store in a dry and cool area. Keep away from heat sources and sources of ignition. Keep away from direct sunlight.

Technical data

Process Temperature	120 - 300
Boiling point	decomposition starting from 300
Autoignation Temperature	>350

Fire-fighting measures

Autoignation Temperature	>350
Explosive Limits upper:	Not determined
	lower: Not determine
Suitable Extinguishing Media:	Use dry chemical, CO ₂ , water spray or "alcohol" foam. Water is the best extinguishing medium. Carbon dioxide and dry chemical are not generally recommended because their lack of cooling capacity may permit re-ignition on larger resin fires (blobs, drools, etc.)
Unsuitable Extinguishing Media for Safety Reasons:	Do not use a solid water stream as it may scatter and spread fire Hazardous Decomposition Products: Fire will produce

dense black smoke containing hazardous combustion products, carbon oxides.

Hazards from Combustion Products: Fire will produce dense black smoke containing hazardous combustion products, carbon oxides, hydrocarbon fragments.

Specific Hazards: Take precautionary measures against static discharges. During processing, dust may form an explosive mixture in the air. Thermal decomposition can lead to the release of irritating gases and vapours.

Special Protective Equipment for Firefighters: In the event of a fire, wear self-contained breathing apparatus (EU: NEN-EN137)