

Product Information

DYNOCEL® HG-LDS

Dynocel HG-LDS is a sulfided, metal oxide promoted activated alumina for the removal of mercury to <10 ng/Sm³ from vapor and liquid phase hydrocarbon streams.

PRODUCT DESCRIPTION

Dynocel HG-LDS is a sulfided, lower density, co-formed metal oxide promoted activated alumina for the removal of mercury from vapor or liquid phase hydrocarbon streams. The metal oxide promoter is distributed homogeneously throughout the adsorbent sphere providing uniform and predictable utilization of the Dynocel HG-LDS.

Dynocel HG-LDS offers high attrition resistance, high mechanical strength and high mercury adsorption capacity.

Dynocel HG-LDS may be safely handled in air.

Typical Properties

Property	Unit	Value
Abrasion Loss	wt%	2.0
Bulk Density	- 40 lb / ft ³	36
Particle Size	in	1/8-1/16
Product Form		Spherical

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

Mercury removal to <10 nanograms/Sm³ from vapor or liquid phase hydrocarbon streams such as LNG or natural gas.

BENEFITS & ADVANTAGES

+ Dynocel HG-LDS is a sulfided, low density, metal oxide promoted activated alumina for the removal of mercury to <10 nanograms per Sm³ from vapor or liquid phase hydrocarbon streams.

+ Dynocel HG-LDS has high mechanical strength which prevents alumina attrition over its life.

+ Dynocel HG-LDS has a lower LCA vs activated carbon

+ Dynocel HG-LDS offers more disposal options than activated carbon.

HANDLING & PROCESSING

Dynocel HG-LDS may be handled in air

PACKAGING

1,576.2 (715 kg) supersacks

297.6 lbs (135 kg) steel drums

STORAGE

The material should be stored in its original container and in a dry, covered location protected from the ambient environment.

SHELF LIFE

5 years in original packaging stored in a dry, covered location

Disclaimer

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