

DYNOCEL® HG

ACTIVATED ALUMINA MERCURY ADSORBENT SPHERICAL

Typical Properties

Chemical (Volatile-free Basis)	Al ₂ O ₃ + Promoter	99.6 %
	Na ₂ O	0.36 %
	SiO ₂	0.015 %
Physical	Surface Area	300 m ² /g
	Total Pore Volume	0.45 cc/g
	Abrasion Loss	0.25 weight %
	Crush Strength (5 mesh equivalent)	50 lbs (23 kg)
	Bulk Density	50 lbs/ft ³ (801 kg/m ³)
	Size – nominal (other sizes available on request)	1/16", 1/8" (1.5 mm, 3 mm)
Availability	Shipping Point	Little Rock, Arkansas
	Packaging	50 lbs (22.7 kg) sacks 2,000 lbs (907.2 kg) supersacks Steel drums available

Application

Promoted spherical adsorbent for the removal of mercury from vapor and liquid phase streams. Typical applications include the protection of aluminum heat exchangers from mercury-related corrosion and downstream catalysts from mercury poisoning in the gas processing, oil refining and petrochemical industries.

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