

DYNOCEL® ASR

ACTIVATED ALUMINA H₂S, COS, ARSINE AND PHOSPHINE 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	280 m ² /g
	Total Pore Volume	0.45 cc/g
	Abrasion Loss	0.2 weight %
	Crush Strength (5 mesh equivalent)	35 lbs (16 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 sulfur impurities such as H₂S, COS and light mercaptans, as well as arsine (AsH₃) and phosphine (PH₃), from both vapor and liquid phase process streams.

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