

HY-FNG

DESCRIPTION

HY-FNG is a specially manufactured product that is resistant to cracking when exposed to water. This product is commonly used in air separation processes and can be used to adsorb acetylene from liquified air and liquified oxygen. This silica adsorbent is also widely used in the petrochemical industry.

SPECIFICATIONS

Silica			
HY-FNG		Beads	
Property	Unit		
Diameter	mm	2 - 5	
bulk density	%	450 - 550	
crush strength	lbf	≥25	
moisture content	m ² /g	≤3.0	
qualified size ratio	wt%	≥90.0	
crush strength	N (<i>lbf</i> *ft/s ²)	≥25	
adsorption capacity RH100%, 25°C, 24hr	-	≥70.0	
silicon dioxide content	cc/g	≥98.0	
surface area	wt%	400 - 500	
pH	%	4.0 - 8.0	
water resistant	-	yes	

INDUSTRIES USED

dehydration
petrochemical production

water cracking resistance
air separation

acetylene adsorption
liquefied gas

STORAGE

This product should not be left exposed to open air and should be stored in dry conditions with air-proof packaging.

CONNECT WITH US...

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