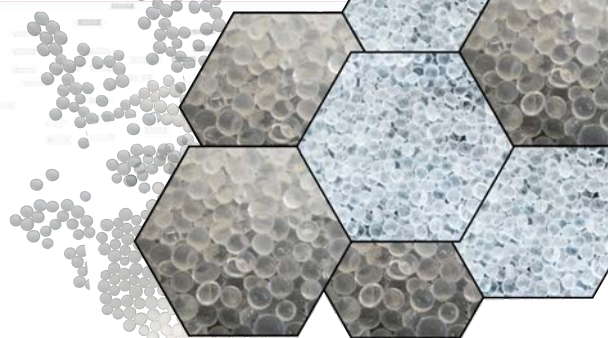


HY-F

FOR CATALYTIC PROCESSES



DESCRIPTION

HY-F is a fine pored silica gel used for catalytic processes.

SPECIFICATIONS

Silica Gel				
HY-F		Beads		
Property	Unit	HY-F SC	HY-F FC	Typical Values (HY-F SC)
Pore Volume	ml/g	0.35 - 0.45	0.35 - 0.45	-
Silica	%	≥98	-	98.5
Average Pore Diameter	nm	2.0 - 3.0	2.0 - 3.0	-
Specific Surface Area	m ² /g	650 - 800	650 - 800	-
Specific Heat	KJ/kg (°C)	0.92	0.92	-
Thermal Conductivity	KJ/m hr °C	0.63	0.63	-
Bulk Density	g/mL (lb/ft ³)	-	-	.784 (48.9)
Adsorption Capacity Relative Humidity = 20%	wt%	≥10.5	≥8.0	11.2
Relative Humidity = 50%	wt%	≥23.0	≥20.0	29.2
Relative Humidity = 90%	wt%	≥34.0	≥30.0	37.6
Specific Resistance	Ω.cm	-	-	≥4000
pH	-	4 - 8	-	4
Loss on Ignition	wt%	≤2.0	≤4.0	1.0
Qualified Size Ratio	%	≥85	-	≥90
Packaging Options	500kg (1,102.3lb) / Bag; 25kg (55.1lb) / Bag			
Available Sizes	0.5 - 1.0 mm; 0.5 - 1.5 mm; 2 - 4 mm; 2 - 5 mm; 4 - 8 mm			

INDUSTRIES USED

natural gas conditioning

hydrocarbon production

dehydration

STORAGE

Silica gel 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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