

HYCB300

Standard Support Balls

Description

HYCB300 is a beaded support media that is designed to protect molecular sieve and activated alumina and hold these materials in place during refining and dehydration processes.



Specifications

HYCB300: Support Balls								
Chemical Composition (Typical Values)								
Element	Al ₂ O ₃	SiO	TiO ₃	CaO	MgO	K ₂ O	Na ₂ O	Leachable Iron
wt%	19.76	75	0.86	0.20	0.48	2.98	0.80	<0.1
Bead Size Properties								
Mesh Size	1/8 Inch	1/4 Inch	3/8 Inch	1/2 Inch	3/4 Inch	1 Inch	2 Inch	
Bead Diameter	3 mm	6 mm	10 mm	13 mm	19 mm	25 mm	50 mm	
Crush Strength (lbs.)	88	176	440	772	1,325	2,205	4,850	
Physical Properties								
Property	All Mesh Sizes							
Free Volume	%							
Average Water Adsorption	wt%							
Hardness	MOHs							
Average Bulk Density	lbs./ft ³							
Max Operating Temperature	°C							
Average Apparent Porosity	%							
Specific Heat at 100°C	cal/g							
Packaging	Super Sack options available		25 ft ³ Bag, 7 ft ³ Drum, 1 ft ³ Box			other sizes possible		

Industries Used

oil refining
biofuel production

natural gas dehydration
petrochemical production

petroleum gas processing

Storage

Ceramic support balls should not be left exposed to open air for prolonged periods and should be stored in dry conditions with air-proof packaging.

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