DUROCEL® 235

INERT BED SUPPORT TABULAR ALUMINA GRADE SPHERICAL

Typical Properties						
Chemical	Al_2O_3	99+ %				
	SiO_2	0.10 %				
	Fe_2O_3	0.10 %				
	Na_2O	0.40 %				
Physical	Apparent Porosity	1.0 % (maximum)				
	Water Absorption	0.4 % (maximum)				
	Bulk Density	As indicated below				
	Max. Operating Temp. – °F (°C)	3,270 (1,800)				
Specifications by Size						
Size (nominal) – inches (mm)	1/8 (3)	3/16 (5)	1/4 (6)	1/2 (13)	3/4 (19)	1.0 (25)
Size Range – mm	2 – 4	4 – 6	5 – 8	11 – 14	17 – 21	23 – 27
Bulk Density – lbs/ft³ (kg/m³)	133 (2,130)	133 (2,130)	133 (2,130)	131 (2,098)	130 (2,082)	126 (2,018)
Average Crush Strength – lbs (kg) (point load – minimum)	176 (80)	360 (165)	440 (200)	1,323 (600)	2,645 (1,200)	3,307 (1,500)
Availability	Shipping Point	Little Rock, AR / Washington, LA				
	Packaging	25 kg (55.1 lb) sacks, 1 MT supersacks, steel drums available				
Application	Used as a catalyst and adsorbent bed support in refining, petrochemical and gas processing applications. Ideal in applications where chemical inertness, low porosity, low water absorption capacity and minimizationof silica contamination are critical.					

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