

DUROCEL® M-1

CERAMIC BED TOPPING AND SUPPORT MEDIA

Typical Properties

Chemical	SiO ₂	wt%	60 – 85
	Al ₂ O ₃	wt%	20 – 40
	Fe ₂ O ₃	wt%	Max. 2
	CaO	wt%	Max. 1
	Na ₂ O	wt%	Max. 1
Physical	Diameter	mm	18 – 20
	Height	mm	13.5 – 16
	Shape		Medallion
	Bulk Density	kg/m ³	800 – 1,000
	Void Fraction	%	55 – 65
	Horizontal Crush Strength	lbs	≥ 500
	Vertical Crush Strength	lbs	≥ 50
Availability	Shipping Points	Louisiana (USA), Luxembourg (Europe), Singapore (Asia)	
	Packaging	330 lbs (150 kg) steel drums 1,874 lbs (850 kg) supersacks	

Application

Used as catalyst topping and hold down media in catalyst reactors. High void fraction and durability properties result in uniform distribution and low pressure drop, resulting in better overall catalyst reactor performance. The high void fraction also allows for trapping of large particulates that could foul active catalysts.

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