

2024 CERAMIC SADDLE SPECIFICATIONS

Material Composition (Same for All Sizes)

	Range in %		Range in %		Range in %
Alumina Oxide	26-30	MgO	< 0.5	Na ₂ O	2-2.5
Silicon Dioxide	60-68	CaO	< 1	K ₂ O	2-2.5
		TiO ₂	2-2.5	Other	< 0.5

Characteristics (for 1", additional sizes in table below)

	Nominal	Units		Nominal	Units
Pieces/ft ³	2060		Surface Area	68	ft ² /ft ³
Weight/ft ³ (±8%)	46	lbs	Free Space	70	%

Physical Properties

	Nominal	Method		Nominal	Method	Start of Softening
Ave Crush Strength	see below	ASTM C515	Porosity	<1.0 %	ASTM C373	2100 °F
Water Absorption	< 0.3%	ASTM C373	Acid Resistance	96.0%	ASTM C27-79	

AVAILABLE SADDLE SIZES

Size (in.)	1	1½	2	3
Pieces ft ³ (appx)	2060	650	310	72
Weight ft ³ (±8%)	46	43	40	37
Free space %	70	72	74	78
Crush Strength lbs	195	230	285	462
Surface Area ft ² /ft ³	68	45	37	22

