

Christy[®] Pak Ceramic Saddles

FEATURES

- Acid resistance meets requirements of ASTM C515 for stoneware tower packing
- High mechanical strength
- Economical
- High available surface area



TYPICAL CHEMICAL ANALYSIS (WT. %)

Alumina, Al ₂ O ₃	18 – 28
Silica, SiO ₂	63 – 75
Calcium, CaO	< 1
Leachable Iron	< 0.001
Alkalies, K ₂ O + Na ₂ O	1 – 4
Magnesia, MgO	< 1

TYPICAL PHYSICAL PROPERTIES

Apparent Particle Density, lb/ft ³ (kg/m ³)	143 (2291)
Water Absorption, Wt. %	< 0.5
Mohs Hardness	6.5
Maximum Use Temperature, °F (°C)	1800 (982)

PACKING PROPERTIES

Nominal Size	1/2"	3/4"	1"	1-1/2"	2"	3"
Packing Density, lb/ft ³ (kg/m ³)	53 (849)	45 (721)	42 (673)	41 (657)	37 (593)	30 (480)
Free Volume, %	63	68	71	71	74	79
Surface Area, ft ² /ft ³ (m ² /m ³)	154 (505)	86 (282)	68 (223)	45 (148)	37 (121)	22 (72)

Christy Catalytics, LLC offers a complete range of catalyst bed supports, tower packings and tower internals.