

MACH Tower Packing

Ceramic Standard Saddles

Overview

- Ceramic Saddles are an improved version of Berl Saddles in the early 1950s.
- Its structure is consistent and uniform, providing predictable performance data
- It has two different radii of curvature which provides a higher degree of randomness in the packed bed.
- The packing of choice for reliable corrosion resistant performance.



Nominal Size (in)	1/2 (13 mm)	3/4 (19 mm)	1 (25 mm)	1 1/2 (40 mm)	2 (50 mm)	3 (76 mm)
Void Fraction (%)	76	76	68	85	79	80
Geometric Surface Area (ft²/ft³)	138	92	77	53	35	25
Weight (lb/ft³)	61	50	52	41	40	37
Pcs/ft³	6900	2550	2060	650	310	72

Benefits

- High chemical resistance at high temperatures
- Resistance to thermal shock conditions
- Abrasion resistant
- Good wetting characteristics
- Low cost

Applications

- Heat transfer
- Corrosive acid applications
- Tail gas Scrubber
- Absorption towers
- Cooling towers