

### OLD SCHOOL Series

M10's Old School Series tower packing line consists of products that have been used in industry for generations. Just as with our XTreme Series packing we strive to have surpassed quality, service and engineering. Let one of M10's engineers support you in finding the best possible packing for your application. Old School Series packings are available in metal, plastic and ceramic.

Physical Properties		
Index	Unit	Value
Porosity	Vol%	1
Specific Heat	KJ/Kg	840-900
Crush Strength	N/mm2	390-420
Specific Gravity	g/cm3	2.3-2.45
Acid Resistance	%	99.80
Firing Temperature	°C	1280-1320
Softening Point	°C	>1400
Water Absorption	%	<0.5
Thermal Expansion	mm/mm°C	4.7 x 10 <sup>-6</sup>
Hardness	Mohr Scale	44,020

Chemical Composition	
Component	Content
SiO2	>69%
Al2O3	17-23%
SiO2 + Al2O3	>92%
Fe2O3	<1.0%
CaO	<0.25%
MgO	<2.0%
K2O + Na2O	2-4%
Other	<1.0%

OS Ceramic Saddle - Physical Data - English Units							
Available Sizes		1/2"	3/4"	1"	1.5"	2"	3"
Surface Area	ft <sup>2</sup> /ft <sup>3</sup>	165	103	76	50	43	28
Bulk Density	lb/ft <sup>3</sup>	49	41	40	37	36	34
Void Fraction	%	76	77	81	82	83	84
Packing Factor	ft <sup>-1</sup>	201	146	91	52	40	22

OS Ceramic Saddle - Physical Data - Metric Units							
Available Sizes		12 mm	20 mm	25 mm	38 mm	50 mm	75 mm
Surface Area	m <sup>2</sup> /m <sup>3</sup>	540	338	250	164	142	92
Bulk Density	kg/m <sup>3</sup>	780	660	640	600	570	550
Void Fraction	%	76	77	81	82	83	84
Packing Factor	m <sup>-1</sup>	660	480	300	170	131	72

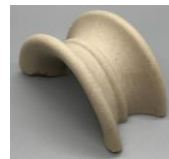
3" OS 75



2" OS 50



1.5" OS 38



1" OS 25



**We're happy to help you find the best packing and internals for your process.**

**The Choice is Yours**



OR

