

Tower Packing Data Sheet

XT XFlow Saddles - Ceramic Tower Packing



M10's Xtreme Series tower packing line takes the best packing in industry and offers it to you with unsurpassed quality, service and engineering. Let one of M10's engineers support you in finding the best possible packing for your application. Xtreme 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 ⁻⁶				
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%			
K20 + Na20	2-4%			
Other	<1.0%			

XT XFlow Saddle - Physical Data - English						
Available Sizes		#1	#2	7H		
Surface Area	ft ² /ft ³	79	40	35		
Bulk Density	lb/ft ³	40	36	30		
Void Fraction	%	76	77	81		
Packing Factor	ft ⁻¹	61	30	20		

XT XFlow Saddle - Physical Data - Metric						
Available Sizes		#1	#2	7H		
Surface Area	m^2/m^3	259	131	115		
Bulk Density	kg/m ³	645	570	480		
Void Fraction	%	76	77	81		
Packing Factor	m ⁻¹	200	100	65		



XFlow 7H



#2 XFlow



#1 XFlow



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

The Choice is Yours



OR





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