



PoreXpert Report

Sample: clashac ,
Created: 06/03/2012 14:39:24
using: PoreXpert Beta 1.0.166
Pages: 5

Summary



List of operations

State	Operation	Description
✓	Sampling, ID	Sample: clashac ,
✓	Curve Fitting	Distance: 1.28 % (15/15/15, VertBanded)
✓	Unit Cell Building	Size: 15/15/15, Structure: VertBanded

Sampling, ID



Sample Name

clashac ,

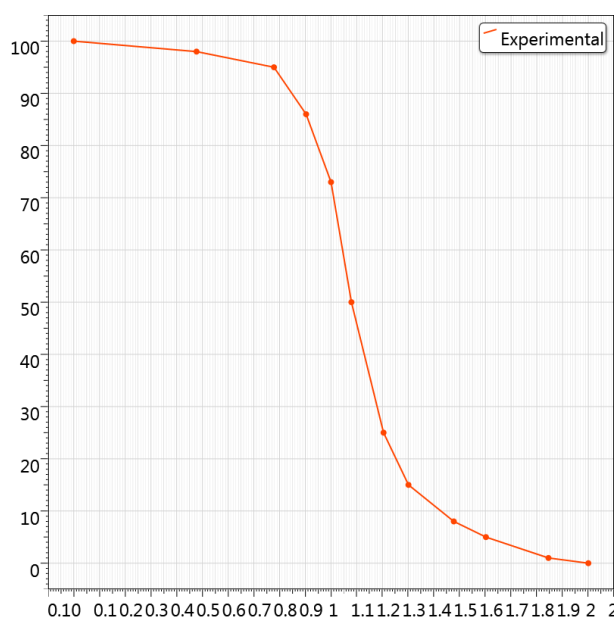
Description

outcrop sandstone

Porosity

25 %

Intrusion curve



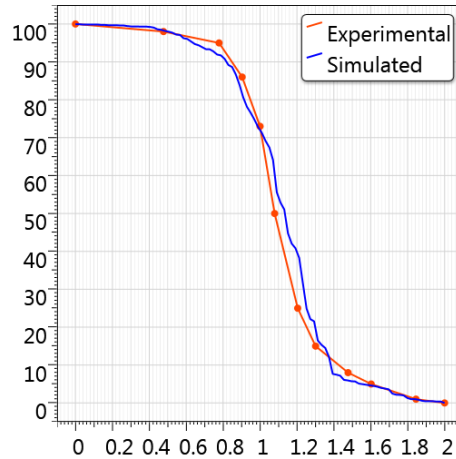
Summary of Parameters

Property	Value	Unit
FileName	C:\Users\Chris\Documents\PoreXpert\Tutorial files\clashac.csv	
FileType	PorosimetryWithHeader	

Curve Fitting



Summary of results



Distance: 1.28 %
Pore skew: 5.3
Throat skew: 5.57
Throat spread: 0.65
Connectivity: 3.49
Correlation Level: 0.121

Simplex limits

Property	Low	High
Pore skew	1	10000
Throat skew	-50	50
Throat spread	0	1
Connectivity	2.1	6
Correlation level	0	1

Timestamp

Duration: 00:00:00

Summary of Parameters

Property	Value	Unit
Porosity	25	%
xPores	15	
yPores	15	
zPores	15	
Iterations	20	
OptimalDistance	1	%
Temperature	10	
Tolerance	0.01	%
ThroatSizes	100	
StochGenNumber	1	
PoreThroatRatio	1	
StructureType	VertBanded	
MaxDisconnectedVolumePercentage	1	%

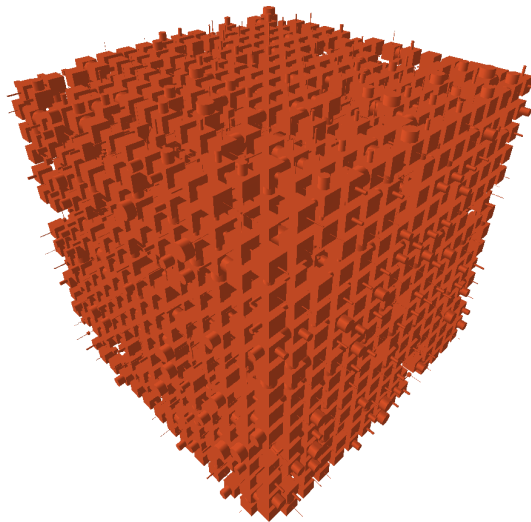
Intrusion fluid

Property	Value	Unit
Name (state)	IntrusionFluid (liquid)	
Density	13545	kg/m3
HeatCapacity	1888	J/(kgK)
SurfaceTension	0.485	mN/m
AdvContactAngle	140	°
RecContactAngle	130	°
Viscosity	1	NA

Unit Cell Building



Cell visual



Timestamp

Duration: 00:00:00

Summary of Parameters

Property	Value	Unit
UseSimplex	Last	