



ALMATIS

PREMIUM ALUMINA



Global Product Data

Super Lightweight Aggregate SLA-92

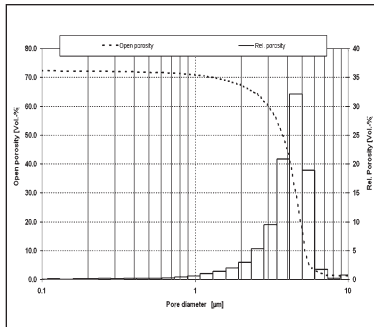
Chemical composition [wt-%]	Typical	Min.	Max.
Al ₂ O ₃	91	90	
CaO	8.5		9.2
Na ₂ O	0.40		0.5
SiO ₂	0.07		0.2
Fe ₂ O ₃	0.04		0.1
Physical properties			
Loose Bulk Density [kg/l]	0.4-0.5		
Bulk Specific Gravity [g/cm ³]	0.80		0.95
Phase Composition	CA ₆ (CaO·6 Al ₂ O ₃) CA ₂ α-Al ₂ O ₃		Major Minor Minor
Available Sizes		3 - 6 mm 1 - 3 mm 0 - 1 mm	

	Typical [%]	Min. [%]	Max. [%]
3 - 6 mm			
+ 6.30 mm	0	0	10
+ 5.00 mm	15		
+ 4.00 mm	40		
+ 3.15 mm	35		
+ 2.00 mm	10		
- 2.00 mm	0	0	10
1 - 3 mm			
+ 3.15 mm	0	0	3
+ 2.00 mm	40		
+ 1.40 mm	30		
+ 1.00 mm	20		
+ 0.71 mm	5		
- 0.71 mm	5	0	15
0 - 1 mm			
+ 1.00 mm	0	0	5
+ 0.71 mm	10		
+ 0.50 mm	15		
+ 0.25 mm	20		
+ 0.125 mm	15		
- 0.125 mm	40	10	60

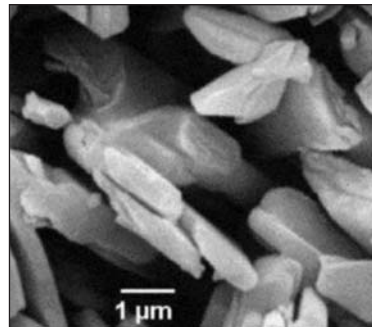
All data are based upon Almatris standard test methods.

Think alumina, think Almatris.

GP-RCP/011/R06/1207/MSDS 988



Micro Pore Size Distribution
(Hg intrusion method)



Scanning Electron Microscope Picture



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