

POZNAN UNIVERSITY OF TECHNOLOGY INSTITUTE OF BUILDING ENGINEERING DIVISION OF BUILDING AND BUILDING MATERIALS



AGGREGATES: DETERMINATION OF PARTICLE SHAPE SHAPE INDEX

A .			
A corecate:			
Aggicgaic.	 	 	

Particle size fraction	Mass of material retained	Percentage of material retained	
mm	g	% by mass	
0-4			
4 – 8			
8 – 16			
16 – 31,5			
31,5 – 63			

Particle size fraction	Test portion mass	Percentage of material retained	Mass of non- cubical particles	Percentage of non- cubical particles	Percentage of non-cubical particles in whole aggregate % by mass	Shape index
mm	g	% by mass	g	% by mass		Category SI
4 – 8						
8 – 16						
16 – 31,5						
31,5 – 63						

CONCLUSIONS: