
 04 0615 - CPD - 9739	Saint-Gobain Weber A/S Ølstvej 6 · Ølst · DK-8940 Randers SV 			
	BS EN 13055-1 Lightweight aggregate for concrete, mortar and grout.			
Product name	Leca® 4 - 8 round			
Article number	15 10 10 00			
Property	Test method	Declared value		
		Limits ¹	Typical value	
Aggregate size	BS EN 933-1	4 - 9 mm		
Particle shape		Round		
Aggregate size distribution	BS EN 933-1 Dry sieving	Mesh size	Passing	
		12,5 mm	100 - 100 %	100 %
		10 mm	99 - 100 %	100 %
		9 mm	96 - 100 %	98 %
		8 mm	85 - 96 %	91 %
		6,3 mm	45 - 70 %	59 %
		4 mm	1 - 15 %	6 %
		2 mm	0 - 5 %	2 %
		0,25 mm	0 - 3 %	1 %
0,063 mm	0 - 2 %	1 %		
Loose bulk density	BS EN 1097-3	(Limits ±15%)	295 - 395 kg/m ³	345 kg/m³
Percentage of crushed particles	BS EN 933-5/A1	NPD		
Cleanliness	BS EN 1744-1	Not relevant		
Crushing resistance	BS EN 13055-1	min.	0,97 N/mm ²	1,47 N/mm²
Chloride	BS EN 1744-1	max.	0,04 %	
Acid-soluble sulphate	BS EN 1744-1	max.	0,5 %	
Total sulphur	BS EN 1744-1	max.	0,32 %	
Volume stability	BS EN 13055-1	Stable according to long term experience		
Water absorption	BS EN 1097-6	Time	Water absorption	
		5 min.	12 - 20 %	16 %
		60 min.	15 - 23 %	19 %
		24 hour	20 - 30 %	25 %
Emission of reactivity		NPD		
Release of heavy metals		NPD		
Release of polyaromatic carbons		Not relevant		
Release of other dangerous substances		NPD		
Duability against freeze/thaw	BS EN 13055-1	Durable according to long term experience		
Alkali-silica reaktivty		Not relevant		

¹ 90 % tolerance interval with a confidence level of 90 % according to ISO 12491 unless otherwise stated

Additional declaration (not covered by the CE-marking)

Property	Test method	Declared value		
		Limits ¹	Typical value	
Particle density	BS EN 1097-6	(Limits ±15%)	565 - 755 kg/m ³	660 kg/m³