
 04 0615 - CPD - 9739	Saint-Gobain Weber A/S Randersvej 75 · Hinge · DK-8940 Randers SV			
	BS EN 13055-1 Lightweight aggregate for concrete, mortar and grout.			
Product name	Leca® 10 - 20			
Article number	16 04 00 00			
Property	Test method	Declared value		
		Limits ¹		Typical value
Aggregate size	BS EN 933-1	8 - 16 mm		
Particle shape		Round/cracked		
Aggregate size distribution	BS EN 933-1 Dry sieving	Mesh size		Passing
		31,5 mm	100 - 100 %	100 %
		20 mm	99 - 100 %	100 %
		16 mm	90 - 100 %	98 %
		14 mm	80 - 100 %	90 %
		12,5 mm	55 - 90 %	74 %
		10 mm	15 - 45 %	29 %
		8 mm	0 - 4 %	2 %
		0,25 mm	0 - 1 %	1 %
0,063 mm	0 - 1 %	0 %		
Loose bulk density	BS EN 1097-3	(Limits ±15%)	200 - 260 kg/m ³	230 kg/m³
Percentage of crushed particles	BS EN 933-5/A1	0 - 15 %		6 %
Cleanliness	BS EN 1744-1	Not relevant		
Crushing resistance	BS EN 13055-1	min.	0,61 N/mm ²	0,78 N/mm²
Chloride	BS EN 1744-1	max.	0,02 %	
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	NPD		
Water absorption	BS EN 1097-6	Time		Water absorption
		5 min.	20 - 31 %	25 %
		60 min.	25 - 34 %	30 %
		24 hour	32 - 42 %	37 %
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		Durable according to long term experience		
Alkali-silica reaktivty		Ikke 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%)	380 - 510 kg/m ³	445 kg/m³

The Leca® plant has the quality management system acc. to DS/EN ISO 9001:2000, the environmental management system acc. to DS/EN ISO 14001:2004 and the energi management system acc. to DS 2403:2001

Leca® is a registered trademark owend by Leca Trading & Concession A/S