
 06	<b>Saint-Gobain Weber A/S</b> Ølstvej 6 · Ølst · DK-8940 Randers SV				
	<b>BS EN 13055-2</b> <b>Lightweight aggregate for unbound and bound applications.</b>				
Product name	<b>Leca® 10 - 20 round</b>				
Article number	<b>15 21 00 00</b>				
Property	Test method	Declared value		Typical value	
		Limits <sup>1</sup>			
Loose bulk density	BS EN 1097-3	( Limits ±15% ) 225 - 295 kg/m <sup>3</sup>		260 kg/m <sup>3</sup>	
Aggregate size	BS EN 933-1	<b>8 - 20 mm</b>			
Particle shape		<b>Round</b>			
Aggregate size distribution	BS EN 933-1 Dry sieving	Mesh size		Passing	
		31,5 mm	100 - 100 %	<b>100 %</b>	
		20 mm	97 - 100 %	<b>99 %</b>	
		16 mm	70 - 96 %	<b>84 %</b>	
		14 mm	45 - 80 %	<b>61 %</b>	
		12,5 mm	20 - 65 %	<b>43 %</b>	
		10 mm	0 - 30 %	<b>13 %</b>	
		8 mm	0 - 10 %	<b>3 %</b>	
		0,25 mm	0 - 2 %	<b>1 %</b>	
0,063 mm	0 - 1 %	<b>0 %</b>			
Water absorption	BS EN 1097-6	Time		Water absorption	
		5 min.	11 - 20 %	<b>15 %</b>	
		60 min.	14 - 22 %	<b>18 %</b>	
		24 hour	18 - 31 %	<b>25 %</b>	
Water suction height	BS EN 1097-10	<b>NPD</b>			
Crushing resistance	BS EN 13055-1	min. 0,45 N/mm <sup>2</sup>	<b>0,75 N/mm<sup>2</sup></b>		
Percentage of crushed particles	BS EN 933-5/A1	<b>NPD</b>			
Volume stability	BS EN 13055-1	<b>Stable according to long term experience</b>			
Duability against freeze/thaw	BS EN 13055-1	<b>Durable according to long term experience</b>			
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 %			
Cleanliness	BS EN 1744-1	<b>Not relevant</b>			
Release of heavy metals by leaching	BS EN 1744-3	<b>NPD</b>			
Release of dangerous substance		<b>NPD</b>			

<sup>1</sup> 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		Typical value
		Limits <sup>1</sup>		
Particle density	BS EN 1097-6	( Limits ±15% ) 445 - 595 kg/m <sup>3</sup>		520 kg/m <sup>3</sup>

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 managemnt system acc. to DS 2403:2001

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