

Product data sheet

Type	Liaflor 8/16																													
General properties Type of material Shape	Expanded clay spherical																													
Geometrical properties Aggregate size	8/16	mm																												
Physical properties Loose bulk density Particle density	430 ± 50 800 ± 50	kg/m ³ kg/m ³																												
Chemical properties Chloride Acid-soluble sulfur Total sulfur pH (CaCl ₂) Salt content (KCl)	< 0.02 < 0.8 < 1.0 6.5 - 9 < 0.5	M.-% M.-% M.-% g/100g																												
Chemical composition SiO ₂ Al ₂ O ₃ Fe ₂ O ₃ CaO Trace elements	55 ± 5 24 ± 5 14 ± 5 5 ± 5 2 ± 2	% % % % %																												
Other Properties Fire resistance	A1 (DIN 4102)																													
Grading (annual production statistics 2013)																														
<table border="1"> <caption>Estimated data from the grading curve graph</caption> <thead> <tr> <th>Sieve opening [mm]</th> <th>Mean [M.-%]</th> <th>5% - fractile [M.-%]</th> <th>95% - fractile [M.-%]</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>8</td> <td>10</td> <td>5</td> <td>15</td> </tr> <tr> <td>10</td> <td>30</td> <td>15</td> <td>45</td> </tr> <tr> <td>12</td> <td>60</td> <td>45</td> <td>80</td> </tr> <tr> <td>14</td> <td>80</td> <td>75</td> <td>95</td> </tr> <tr> <td>16</td> <td>100</td> <td>100</td> <td>100</td> </tr> </tbody> </table>			Sieve opening [mm]	Mean [M.-%]	5% - fractile [M.-%]	95% - fractile [M.-%]	6	0	0	0	8	10	5	15	10	30	15	45	12	60	45	80	14	80	75	95	16	100	100	100
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für gute Ideen

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