



Ditta PAVIM BLOK
C.da Canne Masche - Aggl.Ind. 90018 TERMINE IMERESE (PA)

19

UNI EN 13055-1

0615-CPR-9981

POMICE (2/10 mm) -CPR-19

Aggregati leggeri - Aggregati leggeri per calcestruzzo, malta e malta per iniezioni

Loose bulk density (dry) (Mg/m ³)	0.66 (0.56-0.76)	EN 1097-3																					
Loose bulk density (wet) (Mg/m ³)	0.74 (Min/Max: 0.71/0.83)																						
Apparent Particle density ρ_{La} (Mg/m ³)	1.68±0.15	EN 1097-6:, annex C																					
Oven dry Particle density ρ_{Lrd} (Mg/m ³)	1.14±0.15																						
Grading (%)	<table border="1"><thead><tr><th>Sieve (mm)</th><th>Passing (%)</th><th>Range (%)</th></tr></thead><tbody><tr><td>10</td><td>99</td><td>95-100</td></tr><tr><td>8</td><td>88</td><td>80-96</td></tr><tr><td>6.3</td><td>60</td><td>48-72</td></tr><tr><td>4</td><td>33</td><td>22-44</td></tr><tr><td>3.15</td><td>18</td><td>11-25</td></tr><tr><td>2</td><td>14</td><td>9-19</td></tr></tbody></table>	Sieve (mm)	Passing (%)	Range (%)	10	99	95-100	8	88	80-96	6.3	60	48-72	4	33	22-44	3.15	18	11-25	2	14	9-19	EN 933-1 ⁽²⁾
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Fines (%)	≤10%	EN 933-1 ⁽²⁾																					
Water absorption (%)	28±5%	EN 1097-6: annex C																					
Water content	19-33%	EN 1097-5 (on dry mass)																					
	16-26%	EN 1097-5 (on wet mass)																					
Crushing resistance (N/mm ²)	NPD ⁽¹⁾	EN 13055-1:, annex A																					
Percentage of crushed particles (%)	NPD ⁽¹⁾	EN 933-5																					
Resistance to disintegration (%)	NPD ⁽¹⁾	EN 13055-1 annex B																					
Freezing and thawing resistance (%)	max 2.3%	EN 13055-1 annex C																					
Chloride (%)	0.003- 0.050%	EN 1744-1 clause 7																					
Acid soluble sulfate (%)	0.0- 0.10%	EN 1744-1 clause 12																					
Total sulfur (%)	0.0- 0.04%	EN 1744-1:, clause 11																					
Organic contaminators (%)	No harmful contaminators	EN 1744-1 15.1, 15.2																					
Alkali – silica reactivity	Non reactive	ASTM C289 XP-P18594																					
Dangerous substances. In particular:																							
Emission of radioactivity	NPD ⁽¹⁾																						
Release of heavy metals																							
Release of polyaromatic carbons																							