



0416

Outokumpu Chrome Oy
95490 Tornio
18
0416-CPD-3591

DECLARATION OF PERFORMANCE: No. 014-CPD-2018

EN 13242:2002+A1:2007

Aggregates for unbound and hydraulically bound materials for use in civil engineering work and road construction

Essential characteristics	Performance												
Particle size	11/16 mm												
Category	Gc 80-20												
Particle density	3,05 ... 3,30 Mg/m ³												
Cleanliness	f ₂												
Percentage of crushed and broken surfaces	NPD												
Resistance to fragmentation/crushing	LA ₁₅												
Volume stability	NPD												
Water absorption	WA ₂₄ 1												
Water suction height	125 mm												
Composition/content	<table border="0"> <tr> <td>SiO₂</td> <td>30 %</td> </tr> <tr> <td>Al₂O₃</td> <td>26 %</td> </tr> <tr> <td>MgO</td> <td>23 %</td> </tr> <tr> <td>Cr</td> <td>8 %</td> </tr> <tr> <td>Fe</td> <td>4 %</td> </tr> <tr> <td>CaO</td> <td>2 %</td> </tr> </table>	SiO ₂	30 %	Al ₂ O ₃	26 %	MgO	23 %	Cr	8 %	Fe	4 %	CaO	2 %
SiO ₂	30 %												
Al ₂ O ₃	26 %												
MgO	23 %												
Cr	8 %												
Fe	4 %												
CaO	2 %												
Total sulfur	S ₁												
Resistance to attrition	NPD												
Dangerous substances:	NPD												
Emission of radioactivity													
Release of heavy metals													
Release of polyaromatic carbons													
Release of other dangerous substances													
Durability against weathering	NPD												
Durability against freezing and thawing	F ₁												

Additional information

Typical grading and tolerances	31,5 mm	100 %	100 %
	22,4 mm	100 %	98 - 100 %
	16 mm	88 %	80 - 99 %
	11,2 mm	10 %	0 - 20 %
	5,6 mm	0,5 %	0 - 5 %
	0,063 mm	0,2 %	< 2 %