



0416

Outokumpu Chrome Oy
95490 Tornio
18
0416-CPD-3591

DECLARATION OF PERFORMANCE: No. 017-CPD-2018

EN 12620:2002+A1:2007
Aggregates for unbound and hydraulically bound materials for use in civil engineering work and road construction

Essential characteristics	Performance												
Particle size	0/5,6 mm												
Category	G _F 85												
Particle density	2,30 ... 3,15 Mg/m ³												
Cleanliness	f ₃												
Percentage of crushed and broken surfaces	NPD												
Resistance to fragmentation/crushing	NPD												
Volume stability	NPD												
Water absorption	WA ₂₄ 1												
Water suction height	300 ... 330 mm												
Composition/content	<table border="0"> <tr><td>SiO₂</td><td>29 %</td></tr> <tr><td>Al₂O₃</td><td>27 %</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	29 %	Al ₂ O ₃	27 %	MgO	23 %	Cr	8 %	Fe	4 %	CaO	2 %
SiO ₂	29 %												
Al ₂ O ₃	27 %												
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	NPD												

Additional information

Typical grading and tolerances	8 mm	100 %	99 - 100 %
	5,6 mm	99 %	95 - 100 %
	4 mm	96 %	63 - 100 %
	2 mm	80 %	33 - 100 %
	1 mm	37 %	15 - 88 %
	0,5 mm	12 %	2 - 63 %
	0,25 mm	5 %	0 - 32 %
	0,125 mm	3 %	0 - 13 %
	0,063 mm	1,6 %	0 - 4 %