



0416

Outokumpu Chrome Oy  
95490 Tornio  
18  
0416-CPD-3591

DECLARATION OF PERFORMANCE: No. 015-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	16/22 mm
Category	G <sub>c</sub> 80-20
Particle density	3,05 ... 3,30 Mg/m <sup>3</sup>
Cleanliness	f <sub>2</sub>
Percentage of crushed and broken surfaces	NPD
Resistance to fragmentation/crushing	LA <sub>20</sub>
Volume stability	NPD
Water absorption	WA <sub>24</sub> 1
Composition/content	SiO <sub>2</sub> 30 % Al <sub>2</sub> O <sub>3</sub> 26 % MgO 23 % Cr 8 % Fe 4 % CaO 2 %
Total sulfur	S <sub>1</sub>
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 <sub>1</sub>

## Additional information

Typical grading and tolerances	45 mm	100 %	100 %
	31,5 mm	100 %	98 - 100 %
	22,4 mm	97 %	80 - 99 %
	16 mm	15 %	0 - 40 %
	11,2 mm	0,5 %	0 - 5 %
	8 mm	0,5 %	0 - 5 %
	0,063 mm	0,2 %	< 2 %