



0416

Outokumpu Chrome Oy  
95490 Tornio  
18  
0416-CPD-3591

DECLARATION OF PERFORMANCE: No. 005-CPD-2018

EN 13043:2002  
Aggregates for use in bituminous mixtures and surface treatments for roads, airfields and other trafficked areas

Essential characteristics	Performance												
Particle size	8/11 mm												
Category	Gc90/15												
Flakiness index	Fl <sub>15</sub>												
Particle density	3,05 ... 3,30 Mg/m <sup>3</sup>												
Cleanliness	f <sub>0,5</sub>												
Percentage of crushed and broken surfaces	NPD												
Affinity to bituminous binders	NPD												
Resistance to fragmentation/crushing	LA <sub>20</sub>												
Abrasion from studded tyres	A <sub>N7</sub>												
Resistance to polishing/abrasion/wear/attrition	M <sub>DE10</sub>												
Resistance to thermal shock	NPD												
Volume stability	NPD												
Water absorption	WA <sub>24 1</sub>												
Composition/content	<table border="0"> <tr> <td>SiO<sub>2</sub></td> <td>30 %</td> </tr> <tr> <td>Al<sub>2</sub>O<sub>3</sub></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 <sub>2</sub>	30 %	Al <sub>2</sub> O <sub>3</sub>	26 %	MgO	23 %	Cr	8 %	Fe	4 %	CaO	2 %
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Dangerous substances:	NPD												
Emission of radioactivity													
Release of heavy metals													
Release of polyaromatic carbons													
Release of other dangerous substances													
Durability against freezing and thawing	F <sub>1</sub>												

Additional information

Typical grading and tolerances			
	22,4 mm	100 %	100 %
	16 mm	100 %	98 - 100 %
	11,2 mm	94 %	90 - 99 %
	8 mm	10 %	0 - 15 %
	4 mm	0,5 %	0 - 5 %
	0,063 mm	0,2 %	< 0,5 %