

K & E

Sand and Gravel

2040 Black

2040 Black is produced from a by-product of the combustion of copper, which is processed into abrasive products. Typically, it is composed of Ferro silicate (Fayalite, Fe₂SiO₄) material and metal oxides, formed when the molten slag is quenched in cold water. This cooling process fractures the slag into coarse, angular particles making it an ideal choice in many abrasive applications.

INGREDIENT	%	CAS #
Iron Oxide	53-60	1309-37-1
Fused Silica (Amorphous)	31-37	7631-86-9
Aluminum Oxide	3-6	1344-28-1
Calcium Oxide	1-4	1305-78-8
Magnesium Oxide	1-2	1309-48-4
Crystalline silica Quartz	<0.1	7631-86-9
Other trace oxides	<2.0	

Typical Physical Properties:

Colour..... Black
Bulk Density (loose)117 lbs./ft.³
Bulk Density (compacted)135lb/ft³
Specific Gravity.....~ 3.8
Grain Shape..... Angular
Mohs Hardness > 7
Solubility Insoluble
pH level 7.4

2040 Black

Complies with **SSPC-AB1** standards
 Approved by **CARB** (California Air Resources Board)
 Approved by **MDOT** (Michigan Dept of Transportation)

Profile (Mil)		1.5-3.0
US Sieve #	mm	% Retained
12	1.700	0
16	1.180	17.7
20	0.850	32.9
30	0.600	25.1
40	0.425	13.5
50	0.300	5.6
70	0.212	2.8
100	0.150	1.4
140	0.160	0.6
200	0.075	0.4
PAN	-	-