

Super-Quality Foundry Chromite Sand Data Sheet

Product Name: KazarSand-SQCr 60

Chemical Analysis (wt.%, ICP Method):

Grades	Cr ₂ O ₃	Al ₂ O ₃	SiO ₂	MgO	Fe ₂ O ₃	CaO	L.O.I*
Typical	62.70	7.44	0.49	12	16.74	0.18	-0.39
Range	Min 57	6 - 12	≤ 1	< 16	≤ 21	< 1	≤ 0.5

* ASTM D7348-Method B (The negative means gain weighting)

Phase Analysis:

Majors: Mg-chromite, Fe-Chromite (≥ 97 Wt.%)

Refractoriness: > 1730°C, <2260°C

Sintering Temp. (°C): > 1600°C

pH Value: Typ. = 7, Range = 7 - 9

Acid Demand @ pH 7: Typ. = 0.5, Range = Max 3cc

Tap Density (kg/m³): Typ. 2.8, Min 2.5

Humidity: Typ. 0.01, Max 0.3%

Size: AFS 35 – 40 / 40 – 45 / 45 – 50 / 50 – 55 (0.1 mm ≤ 97% ≤ 0.85 mm)

Color: Black, Shiny Black (With the lowest content of gangue grains)

Package: Big bag (1 metric ton), Paper bag (20 Kg)



The technical data represent the average of the current production. During the test has to be considered a fluctuation of these values ± 5%

006 DATE: 2019/04/08