

Super-Quality Foundry Chromite Sand Data Sheet

Product Name: KazarSand-SQCr

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	46.58	19.69	0.88	14.31	17.87	0.43	-0.79
Range	Min 44	14 - 25	≤ 1	< 17	≤ 21	< 1	≤ 0.5

*As FeO + Fe₂O₃

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

Phase Analysis:

Majors: Mg-chromite, Fe-Chromite (≥ 98 Wt.%)

Refractoriness: > 1730°C, <2260°C

Sintering Temp. (°C): > 1600°C

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

Acid Demand @ pH 7: Typ. = 2, Range = Max 3.5 cc

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

Humidity: Typ. 0.01, Max 0.3%

Size: 0.1 ≤ d₉₇ ≤ 0.7 mm (AFS 45 – 55)

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%

093 DATE: 2023/22/07