

Alumina-Silicate Foundry Sand Technical Data Sheet

Product Name: KazarMat-Andu60 (Kazarite)

Chemical Analysis (wt.%, ICP Method):

Grades	Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	TiO ₂	MgO+CaO	Na ₂ O+K ₂ O	L.O.I*
Typical	58.24	39.60	0.95	0.09	0.26	0.36	0.53
Range	Min 58	Max 41	≤ 1.2	≤ 0.3	< 0.5	≤ 0.5	≤ 0.7

* ASTM D7348-Method B

Phase Analysis:

Majors: Andalusite

Minors: Silimanite, Quartz, illite

Refractoriness: > 1730°C, < 1840°C

pH Value: Typ. = 6.5, Range = 6 - 8

Tap Density (qr/cm³): Typ. 1.79, Min 1.7

True Specific Gravity (qr/cm³): 3.1

Humidity: Typ. 0.1, 0.3 %

Size: d₉₅ ≤ 106 μm

Package: Big bag (1 metric ton), Paper bag (20, 25 Kg)



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

025 DATE: 2020/06/01