

Alumina-Silicate Foundry Sand Technical Data Sheet

Product Name: KazarMat-Andu58 (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	57.22	40.52	1.07	0.11	0.27	0.39	0.31
Range	Min 57	Max 42	≤ 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. 1.76, Min 1.7

True Specific Gravity (qr/cm³): 3.1

Humidity: Typ. 0.1, 0.3 %

Size: 0.6 ≤ d₉₅ ≤ 1.18 mm

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%

026 DATE: 2020/06/01