



Data Sheet

KYANITE
KY100

DESCRIPTION :-

Kyanite occurs in fibrous masses and has the same chemical composition as andalusite & sillimanite

CHEMICAL ANALYSIS % :-

SiO ₂	:	40,1	Fe ₂ O ₃	:	0.85
Al ₂ O ₃	:	54.50	MgO	:	0.36
TiO ₂	:	0.11	CaO	:	0.16
Na ₂ O	:	0.40	LOI	:	1.20
K ₂ O	:	0,31			

PHYSICAL PROPERTIES :-

pH	:	5.3
Streak	:	Uncoloured
Hardness	:	5-7 (Moh)
S.G.	:	3.6
Colour	:	Beige / Grey

TYPICAL GRADING (% retained on dry screen)

150 um	(100#)	5 max
75 um	(200#)	15
45 um	(325#)	40

USES :-

Ceramics, enameledware, abrasives, porcelain, crucibles, refractories.

Completed :	T Carolin	Approved By _____	Approved :	S. Gregory
Title:	Quality Manager		Title :	Director
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