

Kaolin DSO

PROVISIONAL PRODUCT SPECIFICATION SHEET

Product Description

Zeotech Kaolin DSO is a high-purity, naturally occurring kaolin ore sourced from the Toondoon Kaolin Project in Queensland, Australia. The product is characterised by its high kaolinite and alumina content, fine particle characteristics and very low levels of deleterious impurities.

Supplied as a bulk, unrefined Direct Shipping Ore (DSO), its naturally high purity enables the product to be used in suitable applications in its raw form or readily refined through relatively simple processing to produce premium-quality kaolin products with high recovery and minimal material losses.

Typical Properties

Physical Properties	Value
Brightness (ISO)	76
Moisture (%)	8 - 12
pH (20% solids)	4 - 5
Specific Gravity (g/cm ³)	2.6
Particle Size (% < 2µm)	79
Loss on Ignition (%)	13.7
Chemical Properties (Raw Ore)	Value
Kaolinite (%)	>90
Clay Minerals (%)	97
Quartz (%)	<1
Al ₂ O ₃ (%)	37.5
SiO ₂ (%)	46.5
Fe ₂ O ₃ (%)	0.4 (max)
TiO ₂ (%)	1.3
K ₂ O (%)	0.08
Na ₂ O (%)	0.21

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