

PRODUCT DATASHEET

ProLime Limestone Metallurgical Grade -5mm

Chemical Properties:

Component	Typical	Units
Total Ca	>35	%
Ca as CaCO ₃	>87	%
Ca as Ca(OH) ₂	64.5	%
Ca as CaO	49.0	%
Total Mg	<0.9	%
Mg as MgCO ₃	<3	%
Mg as Mg(OH) ₂	<2	%
Mg as MgO	<1.4	%
Available Lime	N/A	N/A
Total Neutralisation Value / CCE (HCL)	92.9	%
Surface Moisture as H ₂ O	<3	%
LOI at 1000 °C (dried)	>40	%
pH	8	
SiO ₂	5 – 8	%
Al ₂ O ₃	<1.5	%
Fe ₂ O ₃	<1.5	%
Mn ₂ O ₃	<0.1	%
K ₂ O	<0.1	%
Na ₂ O	<0.05	%
SO ₃	<0.1	%

Physical Properties:

Component	Typical
Colour	Beige to White
Structure	Amorphous

Particle Size:

Size Parameter	Typical	Units
4 – 5mm	<10	%
1 – 4mm	>60	%
<1mm	<30	%

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