



# PREMIER PERICLASE

PREMIER PERICLASE LIMITED  
BOYNE ROAD, DROGHEDA,  
COUNTY LOUTH, IRELAND.

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## PRODUCT SPECIFICATION

### PRODUCT TYPE: PREMIER LC SINTERMAGNESIA

Chemical Properties (% Wt)	Typical	Guarantee		Std. Dev
		Min	Max	
SiO <sub>2</sub>	0.25	-	0.35	0.035
Al <sub>2</sub> O <sub>3</sub>	0.07	-	-	0.021
Fe <sub>2</sub> O <sub>3</sub>	0.20	-	-	0.049
CaO	2.10	-	2.30	0.081
Cr <sub>2</sub> O <sub>3</sub>	0.08	-	-	0.014
Mn <sub>3</sub> O <sub>4</sub>	0.09	-	-	0.008
B <sub>2</sub> O <sub>3</sub>	0.01	-	0.025	0.006
MgO (By Diff)	97.2	-	-	-

#### Physical Properties

Grain Bulk Density(g/cm <sup>3</sup> ) (Din 51065)	3.43	3.40	-	0.012
Mean Crystal Size (um) (Premier Periclase Lineal Intercept Method)	140	[Approx]	-	

#### Sizing (%)

+12.5mm	35	-	-	-
+6.3mm	80	-	-	-
-0.5mm	2	-	-	-

This product specification refers to Product despatch of 1,000 tonne lots based on the statistical analysis of results from routine testing during production.

Issued by:

Operations Director

Reference: QD8 LC (rev 07/09)

Date: July 2009



#### DIRECTORS

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REGISTERED IN DUBLIN NUMBER 59188

REGISTERED OFFICE BOYNE ROAD, DROGHEDA, COUNTY LOUTH