



# PREMIER PERICLASE

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

[www.premierpericlase.com](http://www.premierpericlase.com)

Telephone: 041-98 70700  
Fax:General 041-98 70707  
Fax:Finance 041-98 70704  
Fax:Stores 041-98 70705  
e-mail [ppl@eircom.net](mailto:ppl@eircom.net)

## PRODUCT SPECIFICATION

### PRODUCT TYPE: PREMIER NP SINTERMAGNESIA

Chemical Properties (% Wt)	Typical	Guarantee		Std. Dev
		Min	Max	
SiO <sub>2</sub>	0.4	-	0.5	0.035
Al <sub>2</sub> O <sub>3</sub>	0.1	-	-	0.021
Fe <sub>2</sub> O <sub>3</sub>	0.2	-	-	0.049
CaO	2.3	-	2.5	0.081
Cr <sub>2</sub> O <sub>3</sub>	0.1	-	-	0.014
Mn <sub>3</sub> O <sub>4</sub>	0.1	-	-	0.008
B <sub>2</sub> O <sub>3</sub>	0.04	-	0.05	0.006
MgO (By Diff)	96.5	-	-	-

#### Physical Properties

Grain Bulk Density(g/cm <sup>3</sup> ) (Din 51065)	3.42	3.40	-	0.012
Mean Crystal Size (um) (Premier Periclase Lineal Intercept Method)	110	[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

Date: July 2009

Reference: QD8 NP (rev 07/09)



#### DIRECTORS

H.MORRIS *Chairman*, P. McCLEERY *Managing*, D. DEMPSEY, S. LYNCH,  
N.O'REILLY, M. RYAN, G. TEELING.

REGISTERED IN DUBLIN NUMBER 59188

REGISTERED OFFICE BOYNE ROAD, DROGHEDA, COUNTY LOUTH