

PLAST 85 PB

Classification	Phosphate-Bonded High-Alumina Plastic Refractory		
Physical Properties	Maximum Service Temperature	°C	1780
	Approx. Amount Required as Rammed	%	2780
	Bulk Density After Drying at 110 °C	kg/m ³	2600
	Modulus of Rupture After Drying at 110 °C	kg/cm ²	25
	Modulus of Rupture After Heating at 1400 °C	kg/cm ²	80
	Permanent Linear Change After Drying at 110 °C	%	-0.50
	Permanent Linear Change After Heating at 1600 °C	%	+0.30
Chemical Composition	Alumina (Al ₂ O ₃)	%	83.0
	Silica (SiO ₂)	%	9.0
	Iron Oxide (Fe ₂ O ₃)	%	2.0
	Phosphorus Pentoxide (P ₂ O ₅)	%	5.2

The above data are typical values of which the properties of the samples tested according to the internal procedure and standard of Siam Refractory generally accepted by our customers for many years. The above data can not be used for specification or guarantee purpose. Siam Refractory reserves the right to update the above data and change our internal procedure and standard without any prior notice.

THE SIAM REFRACTORY INDUSTRY CO., LTD.

1 Siam Cement Road, Bangsue, Bangkok 10800 Thailand Tel. (+662) 586-3246-52 Fax. (+66 2) 586-2982, 587-2149

