



PACIFIC REFRACTORIES



A.R. BRICKS

ACID RESISTANT BRICKS				
CHARACTERISTICS	A.R. BRICKS			
	BIS-4860, Class-I	BIS-4860, Class-II	BIS-4457	Special Quality
Bulk Density, (g/cc) Max.				
After drying at 110 °C / 24 Hrs	2.3	2.25	2.3	2.1
Water Absorption (Wt. %)				
Max.	≤2	≤4	≤2	≤6
App. Porosity (%)				
Max.	≤5	≤9	≤5	≤13
Cold Crush. Str. (Kg/cm²)				
Min.	≥700	≥500	≥700	≥500
Flexural Strength (Kg/cm²)				
Min.	≥100	≥70	≥200	≥70
Acid Solubility (Loss in Mass %)				
Max.	≤1.5	≤4.0	≤1.5	≤2.0
Warpage (mm)				
	±2.5	±2.5	±2.5	±2.5
Chemical Analysis (%)				
SiO ₂	70-75	70-75	70-75	65-70
Al ₂ O ₃	20-25	20-25	20-25	20-35
Fe ₂ O ₃ , Max	1.5	1.5	1.5	1.5

The data given above are based on average of test results on sample from routine plant production by standard testing procedures. Variation from above data may occur during individual tests. This does not constitute a guarantee figure. For best results please refer to our instructions for application OR contact our representative for guidance. The suggested use assumes that all precautions and safety measures are taken care by the user.

For more information, please contact: Office: C-16/3, TTC, MIDC Area, Pawane, Thane-Belapur Road, Navi-Mumbai, 400705. India. info@pacificrefractories.com

www.pacificrefractories.com