



**Coromandel
KING**
SUPER POWER PPC (FA BASED)

TEST CERTIFICATE

WEEK NO. : **03/2017**

PARTICULARS

TEST RESULTS REQUIREMENT AS PER IS : 1489 (P-1) - 1991

1. CHEMICAL

a. LOI	2.08	Not more than 5.0%
b. IR	24.78	Max. $X + \frac{4(100-X)}{100}$ Where 'X' is the declared % Fly Ash In the given PPC
c. So_3	2.32	Not more than 3.0%
d. MgO	1.10	Not more than 6.0%

2. PHYSICAL

a. Specific surface	321	Not less than 300 m ² /kg
b. Setting time		
Initial	145	Not less than 30 minutes
Final	255	Not more than 600 minutes
c. Soundness		
Le-chatelier	1.0	Not more than 10 mm
Autoclave	0.067	Not more than 0.8%
d. Compressive Strength		
a) 72±1hr. (3 days)	26	Not less than 16 MPa
b) 168±2hr. (7 days)	37	Not less than 22 MPa
c) 672±4hrs. (28 days)	Under Testing	Not less than 33 MPa
e. Drying Shrinkage	-	Not more than 0.15%

IS : 1489



THE INDIA CEMENTS LIMITED

AN ISO 9001-2008 CERTIFICATED COMPANY

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