

01 21 **HP. Graphite electrodes for 15t EAF (14")**

1. Size. : Electrode Dia 355.6 mm +/- 5mm x 1520 +/- 100mm
: Pitch pin Tapper Nipple dia 215.9 mm x 304.8 mm having three threads per inch.

2. Apparent density : 1.66 (g/cm³)

3. Real density : 2.2 (g/cm³)

4. Porosity : 28% max.

5. Specific resistance : 7.0 (10⁻⁴ ohm-m)

6. Bending strength : 150 kg/cm² (15 Mpa)

7. Young's modulus : 1200 kg/mm² (12 Gpa)

8. Heat expansion : 13 X 10⁻⁶ /deg. C

9. Ash : 0.2% max.

10. Sectional area : 992.64 (cm²)

11. Current carrying capacity : 17500-24000 A

12. Current density : 17 - 24 A/cm²

13. Socket : 155.40 mm

CIF

SF



PPC