

Regular Power (RP) Grade Graphite Electrodes

| Typical Physical Properties (GRADE:CH): | |
|-----------------------------------------|-------|
| BULK DENSITY g/cm ³ | ≥1.65 |
| SPECIFIC RESISTANCE μΩm | ≥7.0 |
| FLEXURAL STRENGTH Mpa (min) | ≥10 |
| YOUNG'S MODULUS Gpa (max) | ≥14 |
| ASH CONTENT (max) % | ≥0.2 |
| CTE x10 ⁻⁶ /Deg.C | ≥1.9 |

| Current Carrying Case (GRADE:RP) | |
|----------------------------------|----------------------------------|
| NOMINAL DIAMETER (MM) | CURRENT CARRYING CAPACITY (AMPS) |
| 150 | 3500-6000 |
| 175 | 4600-7800 |
| 200 | 5500-9100 |
| 225 | 7000-11200 |
| 250 | 8000-13200 |
| 300 | 11500-18500 |
| 350 | 15100-25000 |
| 400 | 18500-30000 |
| 450 | 23000-36000 |
| 500 | 26000-40000 |
| 550 | 30000-50000 |