

Spectrum NT Kiln Shelves (India Origin)

Corderite Technical Specifications:

The following are based on test results of standard bars and should not be taken as specifications, but for general guidance only.

1. **Apparent Density:** 2.0 - 2.1 g/cm³
2. **Apparent Porosity:** 18 - 25%
3. **Specific Heat Coefficient** at 20°C - 1.0 KJ/Kgk
4. **Chemical Composition:**
 - Al₂O₃: 38 - 41%
 - SiO₂: 45 - 55%
 - MgO: 5.5 - 8%
5. **Hot Modulus of Rupture @ 1300° C/2372° F** (in Kg/Sq cm) (Min = 85 - 90)
6. **Thermal Shock Resistance** - Good
7. **C.T.E. @ 20°C/68°F - 1000°C/1832°F;** 2.8 - 3.5 (10⁻⁶ K⁻¹) (depending on Grades)
8. **Length & Width Tolerance:** ± 1mm
9. **Thickness Tolerance:** ± 1mm
10. **Maximum Application Temperature:** 1290°C/2354°F