

TECHNICAL INFORMATION

Since 1886, UCAR Carbon Company has been supplying quality carbon and graphite products, skilled technical service, and experienced application assistance worldwide.

UCAR[®] Grade CP-9 Ram

RPD-95

September, 1995

Description: CP-9 is a single component carbonaceous ram which requires heating to 77°C/170°F prior to application. It is used for filling in contained areas behind forms or between carbon structural shapes and furnace shells. It is designed for use in blast furnaces, cupolas, ferroalloy furnaces, phosphorus furnaces, run out troughs, and other metallurgical applications.

Detailed instructions and precautions for using UCAR CP-9 Ram are available from UCAR Carbon Company Inc. representatives or by contacting the address below.

ESSENTIAL PROPERTIES

| | Typical Average | Max./Min. Individual Sample | Comparable ASTM Test Procedure |
|---------------------------------|--------------------|-----------------------------------|-----------------------------------|
| Bulk Density (Loose) (gm/cc) | 1.44 | 1.30 | ASTM C559 |

INFORMATIONAL PROPERTIES

| | | | |
|---|------|--|-----------|
| Bulk Density (Rammed) (gm/cc) (Depends on Ramming Technique) | 1.70 | | ASTM C559 |
| Thermal Conductivity (W/m ² K) (Measured at 20°C and 1.70 g/cc density) | 4.2 | | ASTM C714 |

GRAF*Tech*

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