



INFORMATION BULLETIN

Fedplas XXC

DESCRIPTION: Phos bonded high alumina plastic fortified with chrome.

USES INCLUDE: Areas where maximum resistance to abrasion and erosion at high temperatures is required.

CHEMICAL ANALYSIS: (TYPICAL CHEMICAL ANALYSIS)

(Approximate %)

| | 90C | 85C |
|--------------------------------|------------|------------|
| Al ₂ O ₃ | 91.0% | 83.0% |
| Cr ₂ O ₃ | 5.0% | 10.0% |
| P ₂ O ₅ | 3.0% | 3.0% |
| TiO ₂ | 1.75% | 1.0% |
| SiO ₂ | 0.29% | 2.6% |
| Fe ₂ O ₃ | 0.12% | 0.1% |
| Alk | 0.04% | 0.2% |
| MgO | 0.02% | 0.2% |

TYPICAL AS RECEIVED PROPERTIES:

| | 90C | 85C |
|--------------------------|------------|------------|
| Bulk Density pcf (g/cc): | 188 (3.00) | 203 (3.25) |

The values reported above are average values derived from production data encompassing many different sizes and shapes. Actual data will vary to a small degree naturally and as a function of size and shape. This form is not intended to be used for purposes of specification; it is informational only.

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