

پیوست شماره ۱ (دو برگ)

الف - دیتا شیت کرومیتی

Chemical analysis (wt%):

| | |
|------------|---------|
| Mgo..... | 77-80 |
| Cr2o3..... | 5-7 |
| Al2o3..... | 3-5 |
| Fe2o3..... | 6-8 |
| Cao..... | Max 2.5 |
| Sio2..... | Max 1.8 |

Physical data:

| | |
|--|-----------|
| Bulk density (g/cm ³)..... | 2.90-3.0 |
| Apparent porosity,(%)..... | 17-20 |
| Cold crushing strength (kgf/cm ²)..... | 450-700 |
| Hot modulus of rupture, (kgf/cm ² at 1000°C)..... | Min 60 |
| Refractoriness under load, (T2,°C)..... | 1500-1550 |
| Thermal shock resistance, (1000°C/air)..... | >100 |
| Thermal conductivity (w/m ² k at 350°C)..... | 2.90 |
| at 1000°C..... | 3.00 |
| Thermal expansion (1000°C)(%)..... | 1.25 |

