

## پیوست شماره ۱ (دو برگ)

### ب - دیتا شیت اسپینلی

#### Chemical analysis (wt %):

Mgo.....	82-85
Al <sub>2</sub> O <sub>3</sub> .....	12-15
Fe <sub>2</sub> O <sub>3</sub> .....	Max 1.0
CaO.....	Max 1.5
SiO <sub>2</sub> .....	Max 1.0

#### Physical data:

Bulk density (g/cm <sup>3</sup> ).....	Min 2.85
Apparent porosity (%).....	16-19
Cold crushing strength (kgf/cm <sup>2</sup> ).....	500-700
Hot modulus of rupture, (kgf/cm <sup>2</sup> at 1000°C).....	Min 50
Lin. thermal expansion (% at 1000°C).....	1
Thermal shock resistance, (1000°C/air. cycles).....	>100
Refractoriness under load (T <sub>2</sub> . °C).....	1600-1650
Thermal conductivity (W/m <sup>2</sup> k at 350°C).....	2.6
(At 1000°C).....	2.55

