



**BHARAT MINERALS INDUSTRIES**

<b>PRODUCT :</b>	<b>BMI-FB85</b>
<b>PRODUCT CLASS :</b>	<b>REFRACTORY MATERIAL</b>
<b>TYPES :</b>	<b>SINTERED MATERIAL</b>

**CHEMICAL ANALYSIS**

<b>PARAMETERS</b>	<b>Limit</b>	<b>Typical</b>
Al <sub>2</sub> O <sub>3</sub> (Min)	85	85.48
Fe <sub>2</sub> O <sub>3</sub> (Max)	1.4	0.98
TiO <sub>2</sub> (Max)	3.5	2.9
SiO <sub>2</sub> (Max)	10	7
K <sub>2</sub> O+Na <sub>2</sub> O+CaO+MgO (Max)	0.6	0.4

**PHYSICAL ANALYSIS**

<b>PARAMETERS</b>	<b>Limit</b>	<b>Typical</b>
A.P.(Max)	8	6.1
B.D. GM/CC (Min)	3.15	3.2



<b>SIZE</b>	<b>0-1 mm</b>	<b>1-3 mm</b>	<b>3-5 mm</b>	<b>-170Mesh</b>	<b>-200Mesh</b>	<b>-325Mesh</b>
<b>FLUCTUATIONS</b>	± 10 % Max	± 10 % Max	± 10 % Max	Passing 90%	Passing 90%	Passing 90%





**BHARAT MINERALS INDUSTRIES**

<b>PRODUCT :</b>	<b>BMI-FB87</b>
<b>PRODUCT CLASS :</b>	<b>REFRACTORY MATERIAL</b>
<b>TYPES :</b>	<b>SINTERED MATERIAL</b>

**CHEMICAL ANALYSIS**

<b>PARAMETERS</b>	<b>Limit</b>	<b>Typical</b>
Al <sub>2</sub> O <sub>3</sub> (Min)	87	87.6
Fe <sub>2</sub> O <sub>3</sub> (Max)	1.4	0.8
TiO <sub>2</sub> (Max)	3.5	2.7
SiO <sub>2</sub> (Max)	8	7
K <sub>2</sub> O+Na <sub>2</sub> O+CaO+MgO (Max)	0.6	0.4

**PHYSICAL ANALYSIS**

<b>PARAMETERS</b>	<b>Limit</b>	<b>Typical</b>
A.P.(Max)	8	7
B.D. GM/CC (Min)	3.2	3.25



<b>SIZE</b>	<b>0-1 mm</b>	<b>1-3 mm</b>	<b>3-5 mm</b>	<b>-170Mesh</b>	<b>-200Mesh</b>	<b>-325Mesh</b>
<b>FLUCTUATIONS</b>	± 10 % Max	± 10 % Max	± 10 % Max	Passing 90%	Passing 90%	Passing 90%





**BHARAT MINERALS INDUSTRIES**

<b>PRODUCT :</b>	<b>BMI-FB90</b>
<b>PRODUCT CLASS :</b>	<b>REFRACTORY MATERIAL</b>
<b>TYPES :</b>	<b>SINTERED MATERIAL</b>

**CHEMICAL ANALYSIS**

<b>PARAMETERS</b>	<b>Limit</b>	<b>Typical</b>
Al <sub>2</sub> O <sub>3</sub> (Min)	89	91.5
Fe <sub>2</sub> O <sub>3</sub> (Max)	1.3	0.8
TiO <sub>2</sub> (Max)	3.5	2.7
SiO <sub>2</sub> (Max)	5	4
K <sub>2</sub> O+Na <sub>2</sub> O+CaO+MgO (Max)	0.6	0.4

**PHYSICAL ANALYSIS**

<b>PARAMETERS</b>	<b>Limit</b>	<b>Typical</b>
A.P.(Max)	8	6
B.D. GM/CC (Min)	3.3	3.32



<b>SIZE</b>	<b>0-1 mm</b>	<b>1-3 mm</b>	<b>3-5 mm</b>	<b>-170Mesh</b>	<b>-200Mesh</b>	<b>-325Mesh</b>
<b>FLUCTUATIONS</b>	± 10 % Max	± 10 % Max	± 10 % Max	Passing 90%	Passing 90%	Passing 90%