



BHARAT MINERALS INDUSTRIES

PRODUCT :	MR IRK87
PRODUCT CLASS :	REFRACTORY MATERIAL
TYPES :	SINTERED MATERIAL

CHEMICAL ANALYSIS

PARAMETERS	Limit	Typical
Al ₂ O ₃ (Min)	87	87.5
Fe ₂ O ₃ (Max)	2.5	2.3
TiO ₂ (Max)	4	3.5
CaO (Max)	1	0.8

PHYSICAL ANALYSIS

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



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



BHARAT MINERALS INDUSTRIES

PRODUCT :	MR RK75
PRODUCT CLASS :	REFRACTORY MATERIAL
TYPES :	SINTERED MATERIAL

CHEMICAL ANALYSIS

PARAMETERS	Limit	Typical
Al ₂ O ₃ (Min)	75	75.7
Fe ₂ O ₃ (Max)	2	1.87
TiO ₂ (Max)	4	3.8
CaO (Max)	1	0.7

PHYSICAL ANALYSIS

PARAMETERS	Limit	Typical
A.P.(Max)	8	7
B.D. GM/CC (Min)	2.9	2.95



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



BHARAT MINERALS INDUSTRIES

PRODUCT :	MR RK78
PRODUCT CLASS :	REFRACTORY MATERIAL
TYPES :	SINTERED MATERIAL

CHEMICAL ANALYSIS

PARAMETERS	Limit	Typical
Al ₂ O ₃ (Min)	78	78.5
Fe ₂ O ₃ (Max)	2	1.98
TiO ₂ (Max)	4	3.8
CaO (Max)	1	0.7

PHYSICAL ANALYSIS

PARAMETERS	Limit	Typical
A.P.(Max)	8	7
B.D. GM/CC (Min)	2.9	2.95



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



BHARAT MINERALS INDUSTRIES

PRODUCT :	MR RK80
PRODUCT CLASS :	REFRACTORY MATERIAL
TYPES :	SINTERED MATERIAL

CHEMICAL ANALYSIS

PARAMETERS	Limit	Typical
Al ₂ O ₃ (Min)	80	80.2
Fe ₂ O ₃ (Max)	2	1.9
TiO ₂ (Max)	4	3.8
CaO (Max)	1	0.6

PHYSICAL ANALYSIS

PARAMETERS	Limit	Typical
A.P.(Max)	8	7
B.D. GM/CC (Min)	3	3.12



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



BHARAT MINERALS INDUSTRIES

PRODUCT :	MR RK82
PRODUCT CLASS :	REFRACTORY MATERIAL
TYPES :	SINTERED MATERIAL

CHEMICAL ANALYSIS

PARAMETERS	Limit	Typical
Al ₂ O ₃ (Min)	82	82.5
Fe ₂ O ₃ (Max)	2	1.8
TiO ₂ (Max)	4	3.7
CaO (Max)	1	0.6

PHYSICAL ANALYSIS

PARAMETERS	Limit	Typical
A.P.(Max)	8	7
B.D. GM/CC (Min)	3.1	3.15



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



BHARAT MINERALS INDUSTRIES

PRODUCT :	MR RK84
PRODUCT CLASS :	REFRACTORY MATERIAL
TYPES :	SINTERED MATERIAL

CHEMICAL ANALYSIS

PARAMETERS	Limit	Typical
Al ₂ O ₃ (Min)	84	84.1
Fe ₂ O ₃ (Max)	2	1.8
TiO ₂ (Max)	4	3.75
CaO (Max)	1	0.6

PHYSICAL ANALYSIS

PARAMETERS	Limit	Typical
A.P.(Max)	8	7
B.D. GM/CC (Min)	3.15	3.2



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



BHARAT MINERALS INDUSTRIES

PRODUCT :	MR RK85
PRODUCT CLASS :	REFRACTORY MATERIAL
TYPES :	SINTERED MATERIAL

CHEMICAL ANALYSIS

PARAMETERS	Limit	Typical
Al ₂ O ₃ (Min)	85	85.48
Fe ₂ O ₃ (Max)	1.8	1.76
TiO ₂ (Max)	4	3.8
CaO (Max)	0.8	0.6

PHYSICAL ANALYSIS

PARAMETERS	Limit	Typical
A.P.(Max)	8	7.5
B.D. GM/CC (Min)	3.15	3.2



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



BHARAT MINERALS INDUSTRIES

PRODUCT :	MR RK86
PRODUCT CLASS :	REFRACTORY MATERIAL
TYPES :	SINTERED MATERIAL

CHEMICAL ANALYSIS

PARAMETERS	Limit	Typical
Al ₂ O ₃ (Min)	86	86.5
Fe ₂ O ₃ (Max)	1.8	1.7
TiO ₂ (Max)	3.5	3.2
CaO (Max)	0.8	0.5

PHYSICAL ANALYSIS

PARAMETERS	Limit	Typical
A.P.(Max)	8	6.9
B.D. GM/CC (Min)	3.2	3.25



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



BHARAT MINERALS INDUSTRIES

PRODUCT :	MR RK87
PRODUCT CLASS :	REFRACTORY MATERIAL
TYPES :	SINTERED MATERIAL

CHEMICAL ANALYSIS

PARAMETERS	Limit	Typical
Al ₂ O ₃ (Min)	87	87.8
Fe ₂ O ₃ (Max)	1.8	1.6
TiO ₂ (Max)	3.5	3.4
CaO (Max)	0.8	0.6

PHYSICAL ANALYSIS

PARAMETERS	Limit	Typical
A.P.(Max)	8	7
B.D. GM/CC (Min)	3.25	3.3



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



BHARAT MINERALS INDUSTRIES

PRODUCT :	MR RK88
PRODUCT CLASS :	REFRACTORY MATERIAL
TYPES :	SINTERED MATERIAL

CHEMICAL ANALYSIS

PARAMETERS	Limit	Typical
Al ₂ O ₃ (Min)	88	89.5
Fe ₂ O ₃ (Max)	1.5	1.2
TiO ₂ (Max)	3.5	3.1
CaO (Max)	0.6	0.3

PHYSICAL ANALYSIS

PARAMETERS	Limit	Typical
A.P.(Max)	8	7
B.D. GM/CC (Min)	3.25	3.31



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