

Special Basic Refractories

Product	MgO(%)	Cr ₂ O ₃ (%)	SiO ₂ (%)	A.P(%)	B.D(gm/cm ³)	C.C.S(kg/cm ²)	RUL Ta (°C)	Primary Raw Material	Application area
VRPL VRPLD-I	60	15	6.5	22	2.90	250	1600	Dead Burnt Magnesia and Chromite	DENSE MAGNESIA CHROME for general applications
VRPL VRPLD-II	65	12	5.0	20	2.90	300	1620	Dead Burnt Magnesia and Chromite	
VRPL VRPLD-III	70	10	4.0	20	2.95	350	1650	Dead Burnt Magnesia and Chromite	
VRPL DBMC-I	65	12	3.0	18	2.95	350	1650	Magnesia-Chrome Co-Clinker, Fused Magnesia and Chromite	DIRECT BONDED MAGNESIA CHROME for non-ferrous industry
VRPL DBMC-II	70	10	2.5	18	3.00	400	1700	Magnesia-Chrome Co-Clinker, Fused Magnesia and Chromite	
VRPL DBMC-SPL	65	18	1.0	18	3.10	400	1700	Magnesia-Chrome Co-Clinker, Fused Magnesia and Chromite	
VRPL DBCM-SPL	50	25	1.0	17	3.15	400	1700	Chrome-Magnesia Co-Clinker, Fused Magnesia and Chromite	
VRPL DBMC-III	75	8	2.0	18	3.05	400	1700	Magnesia-Chrome Co-Clinker, Fused Magnesia and Chromite	DIRECT BONDED MAGNESIA CHROME for cement industry

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VRPL CMN	35.0	18.0	25	2.85	200	1550	Dead Burnt Magnesia and Chromite	DENSE CHROME MAGNESIA for general applications
VRPL CMN R	40	30	21	2.90	400	1550	Dead Burnt Magnesia and Chromite	DENSE CHROME MAGNESIA for reheating furnace hearth

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VRPL MGN	85	6.5	22	2.85	350	1550	Dead Burnt Magnesia	MAGNESITE for EAF, Hot Metal Mixer and general applications
VRPL MGD-I	89	5.5	20	2.88	450	1580	Dead Burnt Magnesia	
VRPL MGD-II	91	4.5	18	2.90	600	1600	Dead Burnt Magnesia	
VRPL MGD-III	92	4.0	18	2.90	600	1620	Dead Burnt Magnesia	

Product	MgO(%)	SiO ₂ (%)	Fe ₂ O ₃ (%)	A.P (%)	B.D(gm/cm ³)	C.C.S(kg/cm ²)	RUL Ta (°C)	Primary Raw Material	Application area
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VRPL MGIS-I	95	2.0	1.0	18	2.92	600	1650	Sea-Water Magnesia and Dead Burnt Magnesia	LOW-IRON MAGNESITE for Glass Industry and special applications
VRPL MGIS-II	96		0.8	18.0	2.95	600	1700	Sea-Water Magnesia and Dead Burnt Magnesia	
VRPL MGIS-III	97		0.6	18.0	2.95	600	1700	Fused Magnesia and Dead Burnt Magnesia	
VRPL MGIS-IV	97.5		0.4	17.0	2.98	600	1700	Fused Magnesia and Dead Burnt Magnesia	

Note: The above figures are typical data as determined through Indian Standard Testing Methods and pertains to most commonly procured commercial sizes.

These will be subject to reasonable variations for tailor made and non-standard sizes. Materials can be manufactured to suit customer's specifications.