

## BASIC MONOLITHICS

BRAND	MgO (%) Min.	CaO (%) Min.	Cr <sub>2</sub> O <sub>3</sub> (%) Max.	SiO <sub>2</sub> (%) Max.	Fe <sub>2</sub> O <sub>3</sub> (%) Max.	Al <sub>2</sub> O <sub>3</sub> (%) Max.	C (%) Min.	LOI (%) Max.	Grading (mm)	Service Temp. °C Max.	Density (gm/cc) Min.	
											Loose	Vibrating
SUPERFET 40	40	50	-	2.00	2.00	1.00	-	1	0 - 10	1700	2.00	2.20
SUPERFET 70	65	16	-	5.00	3.00	2.00	-	2	0 - 8	1750	2.00	2.25
SUPERFET 80	80	5	-	5.00	3.00	2.00	-	2	0 - 8	1750	2.10	2.35
SUPERHEARTH	80	12	-	3.00	1.00	1.00	-	1	0 - 8	1850	2.25	2.40
SUPERHEARTH 25	68	25	-	1.00	4.00	0.60	-	1	0 - 10	1800	2.40	2.52
SUPERGUN I	65	20	-	6.00	1.00	1.00	-	10	0 - 3	1650	-	-
SUPERGUN II	80	4	-	4.00	1.00	1.00	-	10	0 - 3	1750	-	-
SUPERGUN IIC	85	2	3.00	2.00	1.00	1.00	-	1	0 - 3	1750	-	-
MAGRAMWET	65	18	2.00	4.00	1.00	1.00	-	2	0 - 4	1650	-	-
MAGRAM 90	90	1	2.00	1.00	1.00	1.00	-	2	0 - 4	1750	-	-
MAGRAM 95	94	1	1.30	1.25	0.60	0.50	-	2	0 - 4	1800	-	-
MAGFILL EF	65	2	-	30.00	1.00	1.00	1	7	3 - 8	-	-	-
OLIFILL EF	45	-	-	38.00	8.50	0.50	-	-	0 - 8	-	-	-
MAGFILL LF	65	2	-	5.00	1.00	30.00	1	5	0 - 3	-	1.80	1.95
ORIPATCH	65	10	-	5.00	1.00	15.00	3	10	0 - 5	1700	-	-
OXRAM	85	1	-	1.00	1.00	3.00	10	5	0 - 5	1750	2.00	-

## TUNDISH SPRAY

BRAND	MgO (%) Min.	CaO (%) Min.	SiO <sub>2</sub> (%) Max.	Fe <sub>2</sub> O <sub>3</sub> (%) Max.	Al <sub>2</sub> O <sub>3</sub> (%) Max.	AP (%) at 1400°C Max.	BD (gm/cc) at 1400°C Min.	Grading (mm)	PLC (%) at 1000°C Max.	MOR(MPa) at 1000°C Min.	Service Temp °C Max.
ORISPRAY 70	65 - 70	20	5	1.50	1.50	42	2.00	0 - 2	- 1.5	2.5	1750
ORISPRAY 70D*	65 - 70	20	5	1.50	1.50	42	2.00	0 - 2	- 1.5	2.5	1750

\* Dry Vibrating Mass

## CASTABLES & PRECAST SHAPES

BRAND	Al <sub>2</sub> O <sub>3</sub> (%) Min.	SiO <sub>2</sub> (%) Max.	CaO (%) Max.	Fe <sub>2</sub> O <sub>3</sub> (%) Max.	MgO (%) Max.	Cr <sub>2</sub> O <sub>3</sub> (%) Max.	Service Temp. °C Max.	CCS (MPa) Min.		PLC (%) 1500°C
								110°C	1500°C	
CAST 70	70	7.00	1.00	1.00	2.00	-	1450	35	70	± 0.5
CAST 75	75	6.00	0.80	0.80	2.00	-	1550	40	80	± 0.4
CAST 80	80	5.00	0.60	0.60	2.00	-	1700	45	90	± 0.3
CAST 85	85	4.00	0.40	0.40	1.50	-	1700	50	100	± 0.3
CAST 90	90	3.00	0.30	0.30	1.00	2.00	1750	55	110	± 0.2
CAST 95	95	2.00	2.00	0.25	1.00	2.00	1850	60	120	± 0.2

- All Physical properties, Water Addition, Setting Time, & Flow Characteristics can be modified as per required application.
- Steel Fiber, Chrome addition is optional as per application & for Pre-cast Shapes.