

SLIP-CAST & EXTRUDED REFRACTORIES

	Product	Chemical Analysis			Refract. under load TR-°C	Bulk density g/cm3	Apparent porosity %	Cold crushing strength N/mm2	Thermal conductivity W/mK°C			Application
		Al2O3 %	Fe2O3 %	SiO2 %					800	1000	1200	
Mullite	REF-MUL 79	79	0,2	19	1550	2,55	20	40	-	-	-	Feeder expandables; orifice-rings; special blocks for ceramic industry
Corundum	REF-COR 90	92	0,2	7	1650	2,9	21	70	-	-	-	Orifice-rings
Zircon/Mullite	REF-MUL Z19	61	0,3	ZrO2 19	1580	3,0	18	45	-	-	-	Feeder expandables; orifice-rings
Silicon Carbide	REF-SIC 65	12	SiC 65	ZrO2 3,5	1350	2,45	18	55	4,5	4,20	3,90	Supports and special blocks for ceramic industry
	REF-ZMA 61	61	SiC 11	ZrO2 7	1400	2,55	20	50	3,0	2,80	2,60	Special blocks for ceramic industry
Cordierite	REF-MUL COR 45	46	MgO 5	38	1350	2,15	23	45	-	-	-	Supports and special blocks for the ceramic industry
	REF-MUL COR 50	48	MgO 6		1300	2,1	25	25	-	-	-	Extruded slabs and special blocks for the ceramic industry

The above information is based on the result of routine production tests, and as such is subject to slight variation and therefore should not be used as a specification. ASTM procedures where applicable are used for determining the information. The figures are correct at the time of publishing (January 2002), but they do not constitute a contractual guarantee.