

Amolcarborundom Ceramic Cuplock, Washer & Ferul

Standard data	Unit	ACC 45	ACC 75	ACCZ 50	ACF 30	ACF 75	ACF 95
Max.Service Temp.(Iso 8895)	°C	1260	1480	1350	1260	1480	1650
R.U.L(DIN 51053)	°C	1210	1300	1225	1210	1320	1450
Bulk Density(Astm c 134-95)	g/cm ³	2.15 – 2.35	2.35 – 2.65	2.3	2.15 – 2.25	2.45 – 2.6	2.6-3.3
Apparent Porosity(Astm C20 - 92)	%	20 – 25	18 – 25	20 – 24	20 – 24	16 - 23	15-22
C.C.S(Astm C133 - 97)	Kg/cm ²	250-600	≥ 350	>250	150 - 250	450 - 900	600-1000
Thermal Linear Expansion(Astm C832 - 89)	%	1	0.7	0.7	1	0.7	-
Thermal conductivity(Astm C182 – 88)							
500 °C	W/mK°	1.6	1.7	1.7	1.5	1.75	1.75
810 °C	W/mK°	1.8	1.9	1.9	> 2	> 2	> 2
1000 °C	W/mK°	2	2.1	>2	2	> 2	> 2
Permanent Linear Change(Astm C210 -95)	%	< 1.25	< 1.25	< 1.5	< 1.5	< 1.8	< 1.5
Modules of Rupture(Astm C583 -80)	Kg/cm ²	>105	> 110	> 110	> 190	> 250	> 150
Chemical Composition(ISO 12677)							
Al ₂ O ₃	%	➤ 40	➤ 70	➤ 5	➤ 20	> 70	> 90
SiO ₂		> 45	< 25	< 40	>55	> 20	< 5
Fe ₂ O ₃		< 3.5	< 2	< 1.5	< 2.5	> 1.5	> 1
Zro2		-	-	> 50	-	-	-