

Ruiao Grade for woodworking Inserts

Grade	Composition(%)	Density g/cm	Hardness (HRA)	T.R.S (Mpa)	Grain Size(μm)
RA104	3.2% CO 95.5% WC ,1.3% other	15.2	≥94.7	≥3500	0.4
RA105	5.5% CO 93.7% WC ,0.8% other	14.9	≥94	≥4000	0.5
RA108	8.0% CO 91.5% WC ,0.5% other	14.85	≥94	≥4000	0.5
RA110	10% CO 89.5% WC ,0.5% other	14.45	≥92	≥4000	0.6
RA112	12% CO 87.6% WC ,0.4% other	13.2	≥91	≥3200	0.8

Using Application for each grade

Grade	Composition(%)
RA104	Shaving board, density board, brass & aluminum alloy
RA105	Solid hard wood, plywood board, MDF, Hard wood(excellent performance grade)
RA108	Ordinary wood and plastic material
RA110	For ordinary wood with nail
RA112	For angle steel, stainless steel and normal steel, like C45