

Coreless Induction Furnace – Structural Components

Copper Alloy

Products	Chemistry (%)		Density		Water Addition (%)			Temperature Limit	
	Al ₂ O ₃	SiO ₂	g/cm ³	lb/ft ³	Vibration	Pumped	Poured	°C	°F
TUFF-FLO 50	50.2	44.4	2.23 (V) 2.27 (P)	145 (V) 142 (P)	5.0-6.0	5.8-6.6	-	1650	3000
QUICK CAST® 62	66.1	27.2	2.64	165	5.4	6.0		1705	3100
MINRO-AL® CAST A43	95.5	-	2.72	170	8.0-9.0	-	9.0-10.0	1815	3300
PRECAST SHAPES	45.0-90.0	-	-	-	-	-	-	1705	3100

V = Vibration

P = Pumped