

CASTABLES for ALUMINUM

LOW CEMENT

Product	Chemical Analysis		Density (g/cm ³ / lb/ft ³)
	Al ₂ O ₃ %	SiO ₂ %	
MATRIFLO 85ACX	85.6	8.5	2.74 / 171
MATRIPUMP 72ACX	78.6	15.6	2.68 / 167
QUICK CAST® 61ACX	65.3	29	2.59 / 162
MATRIPUMP AR 61	60.8	34.2	2.47 / 154
MATRIPUMP 50	54.3	39.6	2.47 / 154

CONVENTIONAL CEMENT

Product	Chemical Analysis		Density (g/cm ³ / lb/ft ³)
	Al ₂ O ₃ %	SiO ₂ %	
MATRIFLO 93 AC	92.8	0.4	3.17 / 198
MATRICAST 2500 AC	45.3	39.7	1.99 / 124
MATRICAST 3110C	60.0	32.3	2.39 / 149

CHEMICALLY BONDED

Product	Chemical Analysis		Density (g/cm ³ / lb/ft ³)
	Al ₂ O ₃ %	SiO ₂ %	
QUICK-FIRE® 65	64.7	27.4	2.48 / 155
QUICK-FIRE® 88	88.2	3.9	2.84 / 177
QUICK-FIRE® 90	89.1	2.1	2.90 / 181
MATRIFIRE® 8085ACX	78.6	8.8	2.79 / 174

SiC containing LOW CEMENT DENSE < 2.5% CaO

Product	Chemical Analysis		Density (g/cm ³ / lb/ft ³)
	SiC	Al ₂ O ₃ %	
MATRICAST 82 SiC	77.3	12.9	2.56 / 160
MATRICAST 60 SiC	56.1	28.5	2.63 / 164
MATRICAST SiC	12.8	63.2	2.59 / 162
MATRIPUMP 608 AL	7.4	60.7	2.64 / 165

