

UNI-RAM BLU J

UNI-RAM BLU J is a mullite based, phosphate bonded, plastic refractory. This product has been developed for very good strength throughout its temperature range.

Service Temperature	3200°F	1760°C
Material Required	165 lbs/ft ³	2643 kg/m ³
Abrasion Resistance - ASTM C704	< 6.0 cc	< 6.0 cc

TYPICAL CHEMICAL ANALYSIS, %

Al ₂ O ₃	SiO ₂	TiO ₂	Fe ₂ O ₃	CaO	MgO	Alkalies	P ₂ O ₅
67.5	25.8	1.3	0.8	0.1	0.1	0.3	4.1

TYPICAL PHYSICAL PROPERTIES

Pre-Fired To		Bulk Density		Cold Compressive Strength		Total Linear Change	Porosity
°F	°C	lbs/ft ³	kg/m ³	psi	MPa	%	%
220	105	154	2470	4,000	28	-0.8	-
1500	815	156	2500	4,300	30	-0.5	20
2000	1095	153	2450	5,200	36	-0.3	20
2550	1400	152	2440	6,800	47	+0.1	22
2732	1500	152	2440	7,200	50	+0.1	22

Revision date: 6/12/2011 - Check with your URC sales rep to determine if you have the current sheet

PCBLJ

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