

UNI-PUMP RF-60

UNI-PUMP RF-60 is a high alumina, low-cement, castable refractory. This product has been developed with rapid-fire technology, especially for pumping.

Service Temperature	3100°F	1705°C
Water Required to Cast	5.8%	5.8%
Material Required	155 lbs/ft ³	2483 kg/m ³
Abrasion Resistance - ASTM C704	< 6.0 cc	< 6.0 cc

TYPICAL CHEMICAL ANALYSIS, %

Al₂O₃	SiO₂	TiO₂	Fe₂O₃	CaO	Alkalies
59.0	36.5	1.3	0.8	2.0	0.2

TYPICAL PHYSICAL PROPERTIES

Pre-Fired To		Bulk Density		Cold Compressive Strength		Cold Modulus of Rupture		Total Linear Change	Porosity
°F	°C	lbs/ft ³	kg/m ³	psi	MPa	psi	MPa	%	%
220	105	158	2530	14,000	97	2300	16	-	-
1500	815	155	2480	11,000	76	2100	14	-0.1	15
2000	1095	156	2500	12,000	83	2300	16	-0.2	17
2550	1400	148	2370	11,000	76	2200	15	+1.4	19
2732	1500	148	2370	13,000	90	3000	21	+1.3	18

Reviewed date: 10/9/2013 - Check with your URC sales rep to determine if you have the current sheet

PURF60

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