

## UNI-BRADE HP 150G

UNI-BRADE HP 150G is a gunning refractory designed for use in hydrocarbon processing applications. It is well suited for areas requiring a high density with great abrasion resistance.

<b>Service Temperature:</b>	3100°F	1705°C
<b>Material Required:</b>	145 lbs/ft <sup>3</sup>	2323 kg/m <sup>3</sup>
<b>C-704 Abrasion Loss:</b>	<7.0 cc	<7.0 cc

### TYPICAL CHEMICAL ANALYSIS, %

Al <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	TiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	CaO	MgO	Alkalies
59.0	36.0	1.5	0.9	2.8	0.1	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 <sup>3</sup>	kg/m <sup>3</sup>	psi	MPa	psi	MPa	%	%
220	105	149	2390	12,000	83	2,700	19	0.0	11
1500	815	145	2320	11,000	76	2,500	17	-0.3	23
2000	1095	145	2320	11,000	76	2,500	17	-0.4	23
2550	1400	143	2290	10,000	69	2,600	18	+0.2	25
2732	1500	143	2290	10,000	69	2,600	18	+0.2	25

*Note: Above data generated from gunned panels with a DUSTBUSTER LITE nozzle.*

Creation date: 07/24/2024 - Check with your URC sales rep to determine if you have the current sheet