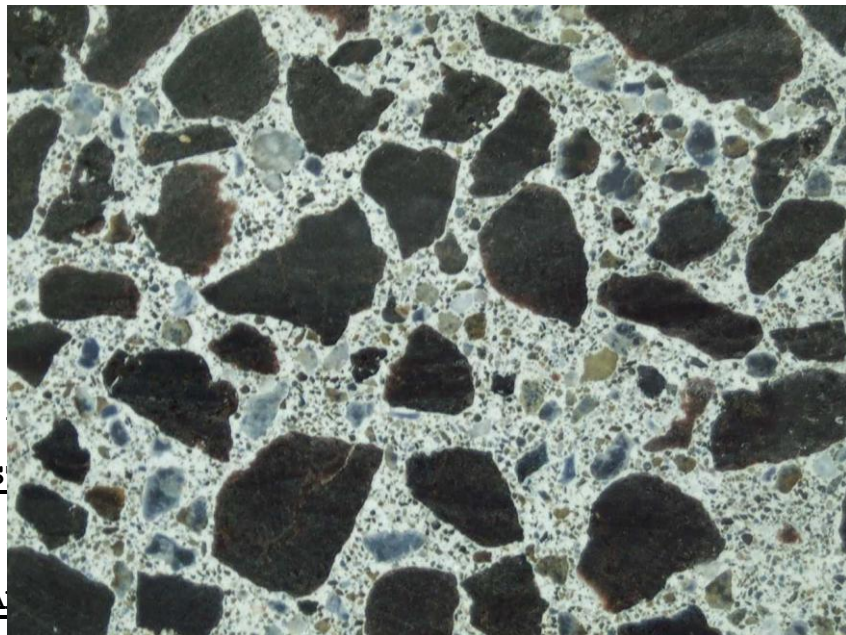


## MIGHTYAGG ALR1

*MIGHTYAGG ALR1 IS A EXTREMELY COARSE GRAINED CASTABLE FORMULATION WHICH COMBINES HIGH STRENGTH AND EROSION RESISTANCE WITH EXCEPTIONAL THERMAL SHOCK RESISTANCE. IT IS NON - WETTING TO ALUMINIUM ALLOYS EVEN AT HIGH FURNACE TEMPERATURES. THIS PRODUCT CAN ONLY BE SUPPLIED IN THE FORM OF PRE-CAST SHAPES.*

MAXIMUM SERVICE TEMPERATURE (M.S.T.)

1500 °C



BULK DENSITY

@ 815 °C

COLD CRUSHING STRENGTH

@ 815 °C

PERMANENT LINEAR CHANGE

@ 815 °C

EROSION RESISTANCE 815 °C

0.00 TO -0.10 %  
4 CC MAX (2.6 Typical)

MAXIMUM GRAIN SIZE

20 MM

PERCENTAGE OF GRAINS ABOVE 2MM

>60%

POROSITY @ 815 °C

13 %

CONDUCTIVITY OR "K" FACTOR

MEAN TEMP

BTU/FT<sup>2</sup>/Hr/°F/in

W/mK

@ 1095 °C

12.4

1.8

TYPICAL CHEMICAL ANALYSIS (%)

AL <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	CaO	MgO	TiO <sub>2</sub>	ALK	Other
85.6	5.9	0.9	2.3	0.17	1.9	0.2	3.0

The properties shown on this data sheet represent typical average results generated using standard ASTM test methods (unless otherwise noted) conducted under controlled conditions and should not be considered to be guaranteed specifications. Properties are subject to normal manufacturing statistical standard deviation ranges, and Resco Products, Inc. reserves the right to modify the properties and specifications at any time without prior notice. RESCO PRODUCTS disclaims any expressed or implied warranties based on this sheet. 01/08/13 is the date that this data sheet was updated. Check with your RESCO sales representative or RESCO website to determine you have the current sheet