



PRODUCT DATA

Brand Name:

RESCORAM A-60

Description: RESCORAM A-60 is a high alumina, air-setting, 3100°F service temperature plastic refractory that is used throughout the metals, power, cement, and lime producing industries where higher temperature requirements demand a more refractory material. It is manufactured using Pyrophyllite-Andalusite-Alumina materials which give the product unique long term hot load resistance.

Physical properties shown are average values of samples taken under controlled conditions
ASTM test methods used where applicable

Maximum Service Temperature: 3100°F (1704°C)

<u>Bulk Density (pcf)</u>	Ramming Data	
	As Received	159
<u>Modulus of Rupture (psi)</u>		
After 1800°F (980°C)	300	(21 kg/cm ²)
After 2550°F (1400°C)	650	(46 kg/cm ²)
After 2700°F (1480°C)	750	(53 kg/cm ²)
<u>Permanent Linear Change (%)</u>		
After 1800°F (980°C)	-0.2 to +0.2	
After 2550°F (1400°C)	-0.5 to 0.0	
After 2700°F (1480°C)	-0.5 to 0.0	

Typical Chemical Analysis (%)

(Calcined Basis)

Alumina (Al ₂ O ₃)	58.9
Silica (SiO ₂)	37.1
Iron Oxide (Fe ₂ O ₃)	1.2
Titania (TiO ₂)	2.2
Magnesia (MgO)	0.2
Alkalies (Na ₂ O+K ₂ O)	0.4

Standard Packaging: 55 lb carton. 64 cartons per pallet

Brand Code: 0202

The properties shown on this data sheet represent typical average results using standard ASTM test methods (unless otherwise noted) conducted under controlled condition (using standard rectangular shapes), 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.

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