



PRODUCT DATA

Brand Name: RESCORAM A-90

Description: An air setting 90% alumina plastic. This product should be installed by pneumatic ramming.

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

Maximum Service Temperature: 3200°F (1760°C)

	<u>Ramming Data</u>	
<u>Bulk Density (pcf)</u>		
After 230°F (110°C)	174	(2.78 g/cm ³)
<u>Modulus of Rupture (psi)</u>		
After 230°F (110°C)	700	(49 kg/cm ²)
<u>Permanent Linear Change (%)</u>		
After 2500°F (1370°C)	0.0 to +0.5	

Typical Chemical Analysis (%)

(Calcined Basis)

Alumina (Al ₂ O ₃)	90.9
Silica (SiO ₂)	7.0
Iron Oxide (Fe ₂ O ₃)	0.2
Titania (TiO ₂)	0.2
Lime (CaO)	0.1
Magnesia (MgO)	0.1
Alkalies (Na ₂ O+K ₂ O)	0.2
Others	1.3

Standard Packaging: 55 lb carton. 64 cartons per pallet

Brand Code: 2597

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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03/27/17 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.

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