



Extreme Service Castables

Cast Data

RESCOCAST 88VC

RESCOCAST 88VC casting grade erosion resistant refractory was designed specifically for vibration casting. When tested in the field, **RESCOCAST 88VC** not only will meet rigid field specifications but also has proven to be the best product for ease of mixing and placement. A wider mixing water range allows the installer to mix to a consistency that can be installed with a minimum of vibration.

Maximum Service Temperature: 2750°F (1510°C)

Bulk Density:

After 220°F (105°C) 140 lbs/ft³ (2240 kg/m³)
After 1500°F (815°C) 134 lbs/ft³ (2144 kg/m³)

Cold Crushing Strength:

After 1500°F (815°C) 10000-14000 psi (700-980 kg/cm²)

Permanent Linear Change(%):

Green to Dried (220°F): 0.0 to -0.1
After 1500°F (815°C): 0.0 to -0.3

Erosion Loss using ASTM C-704 Method:

After 1500°F (815°C): 8 cc (max)

Thermal Conductivity or "K" Factor:

Mean Temp.	BTU/ft ² /Hr/°F/in	W/mK
1000°F (540°C)	8.0	1.15
1500°F (815°C)	8.4	1.21
2000°F (1095°C)	8.5	1.23

Typical Chemical Analysis (%):

A ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO	MgO	Alkalies
56.6	36.7	0.7	5.5	0.2	0.3

Standard Packaging: 72-55 lb. bags per pallet. Bulk packaging available

The properties shown on this data sheet represent typical average results generated using standard ASTM test methods (unless otherwise noted) conducted under controlled condition 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 express or implied warranties based on this sheet.

03/04/08 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