



Plastics and Ramming Mixes

Product Data

RESCORAM 20CR (TL0435)

RESCORAM 20CR is a Phosphate-Bonded Alumina-Chrome Plastic that contains 20% chromic oxide, for increased slag and corrosion resistance.

Maximum Service Temperature: 3300°F (1816°C)

Bulk Density:

As Installed: 207 pcf (3312 kg/m³)
After 1500°F (815°C): 178 pcf (2848 kg/m³)
After 2500°F (1370°C): 180 pcf (2880 kg/m³)

Modulus of Rupture:

After 1500°F (815°C): 1,000 psi (70 kg/cm²)
After 2500°F (1370°C): 900 psi (63 kg/cm²)

Drying Shrinkage (Green to 220°F): 1.0 %

Permanent Linear Change (%):

(220°F to Fired Temp)
After 1500°F (815°C): 0.0 to -0.2
After 2500°F (815°C): 0.0 to -0.2

Typical Chemical Analysis (%):

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	Cr ₂ O ₃	CaO+MgO	Alkalies	P ₂ O ₅
70.7	4.3	0.2	21.1	0.3	0.2	3.1

Standard Packaging: 55 lb. cartons. 64 cartons per pallet.

The properties shown on this data sheet represent typical average results generated 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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