



Plastics and Ramming Mixes

Product Data

RESCOMAG FG RAM

Physical Properties: (Typical)

Weight required for Ramming:	200 lbs\ft ³ (3204 kg/m ³)
Bulk Density after drying at 230°F	202 lbs\ft ³ (3236 kg/m ³)
Modulus of Rupture	
After Drying at 230°F (110°C)	1440 psi (101 kg/cm ²)
After Firing at 1500°F (816°C)	690 psi (48 kg/cm ²)
Cold Crushing Strength	
After Drying at 230°F (110°C)	6,950 psi (486 kg/cm ²)
After Firing at 1500°F (816°C)	4,230 psi (296 kg/cm ²)
Permanent Linear Change	
After Drying at 230°F (110°C)	0.0 %
After Firing at 1500°F (816°C)	0.0 %
After Firing at 2910°F (1600°C)	+0.25 %

Chemical Analysis: (Calcined Basis)

MgO	Cr ₂ O ₃	Fe ₂ O ₃	Al ₂ O ₃	SiO ₂	TiO ₂	CaO
54.5	25.0	11.8	7.0	0.7%	0.3	0.7

Data is based on limited production using standardized tests. Results may vary subject to normal variations in manufacturing, testing and installation procedures in the field.